

Converting Colors

HunterLab(55.3193, -10.7015,
-42.1084)

Have a look what the booklet for
HunterLab(55.3193, -10.7015,
-42.1084) contains.

HunterLab(55.3406, -10.5590, -42.4020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(55.3406,
-10.5590, -42.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	259FE1
RGB	37, 159, 225
RGB Percent	15%, 62%, 88%
CMY	0.8548, 0.3765, 0.1176
CMYK	0.84, 0.29, 0.00, 0.12
HSL	201°, 76%, 51%
HSV	201°, 84%, 88%
XYZ	26.7517, 30.6258, 75.7355
YIQ	130.0460, -93.8980, -5.3380

Conversions

Conversions Part 2

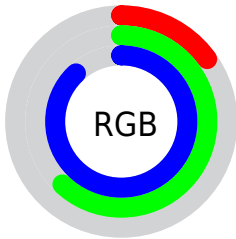
Format	Color
R _Y B	37, 111, 225
Decimal	2465761
CIE Lab	62.19, -9.35, -42.39
CIE LCh	62, 43.413, 257.557
Yxy	30.6268, 0.2010, 0.2301
Android (android.graphics.Color)	4280655841 (0xFF259FE1)
YUV	130.0460, 46.8123, -81.6013
Hunter-Lab	55.3406, -10.5590, -42.4020

Details

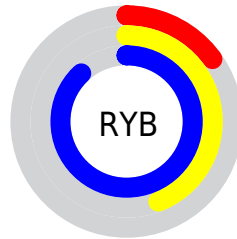
The HunterLab color **55.3406, -10.5590, -42.4020** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **50.8387, 38.2677, 29.9533**, and the grayscale version is **47.1160, -2.5140, 2.5599**.

A 20% lighter version of the original color is **76.7841, -20.0741, -26.0902**, and **36.8642, -3.8700, -37.7229** is the 20% darker color. If you saturate the color by 10%, you get **52.6307, -7.7794, -47.9534**, and if you desaturate by 10%, it is **58.2953, -12.5267, -36.7483**.

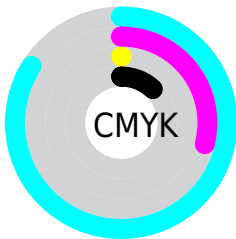
Distribution



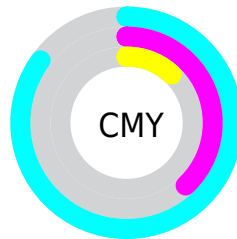
- Red (15%)
- Green (62%)
- Blue (88%)



- Red (15%)
- Yellow (44%)
- Blue (88%)



- Cyan (84%)
- Magenta (29%)
- Yellow (0%)
- Black (12%)



- Cyan (85%)
- Magenta (38%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.3406, -10.5590, -42.4020 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 55.3406, -10.5590, -42.4020 by changing the saturation by 10% instead.

■ 55.3406, -10.5590,
-42.4020

■ 55.3406, -10.5590,
-42.4020

174.5897,
-20.6431, -47.5064

■ 45.0720, -9.4780,
-41.7346

■ 77.8794, -12.7278,
-43.7770

■ 35.5304, -8.3933,
-41.1575

■ 90.0745, -13.8234,
-44.4353

■ 26.7773, -7.2952,
-40.7983

■ 102.8470,
-14.9290, -45.0574

■ 18.8912, -6.1679,
-40.9461

■ 116.1719,
-16.0460, -45.6379

■ 11.9808, -4.9819,
-42.3678

■ 130.0272,
-17.1752, -46.1738

■ 4.9254, -8.5384,
-62.2922

144.3934,

0.0000, NaN, -NF

-18.3175, -46.6639

0.0000, NaN, -NF

159.2528,
-19.4734, -47.1080

0.0000, NaN, NaN

■ 55.3406, -10.5590,
-42.4020

■ 55.3406, -10.5590,
-42.4020

■ 52.6307, -7.7794,
-47.9534

■ 58.2953, -12.5267,
-36.7483

■ 50.9856, -5.6554,
-51.5192

■ 61.4928, -13.6683,
-31.0308

■ 64.9263, -14.0092,
-25.2888

■ 68.5839, -13.5993,
-19.5587

■ 72.4514, -12.5007,
-13.8689

■ 76.5145, -10.7791,
-8.2397

■ 80.7586, -8.4997,
-2.6837

■ 85.1702, -5.7233,
2.7922

■ 89.7366, -2.5057,
8.1857

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.3415, -25.3743, -28.9898



55.3406, -10.5590, -42.4020



55.3415, 8.4199, -41.0313

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.3415, -10.5584, -42.4008



55.3415, 36.0585, 12.4454



55.3415, -27.2662, 21.6094

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.3406, -10.5590, -42.4020



50.8387, 38.2677, 29.9533

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.3415, -13.4811, 26.8499



55.3406, -10.5590, -42.4020



55.3415, 23.7195, 22.9092

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.3415, -10.5584, -42.4008



55.3415, 37.1178, -4.9521



55.3415, 5.0806, 27.2286



55.3415, -34.1164, 9.9449

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3406, -10.5590, -42.4020



55.3415, 20.9422, -31.9279



55.3415, 5.0806, 27.2286



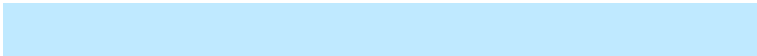
55.3415, -23.3810, 23.9831

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.3415, -10.5584, -42.4008



87.4016, -12.7908, -10.5459



74.3102, -57.6728, 34.5808



39.6638, -6.2605, -5.9389

0.0000, NaN, NaN



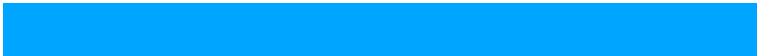
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.3415, -10.5584, -42.4008



58.5665, -6.2103, -59.7968



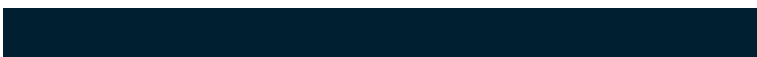
31.0412, 39.1635, -116.2482



38.3667, -3.4473, -0.1983



38.9958, -4.7603, -38.4651



11.0464, -2.4548, -8.5078

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.5369, 74.2487, -14.9241



48.9834, 89.4665, -11.6100



74.8230, -8.5394, 44.5679



37.2151, 2.4074, 0.2549



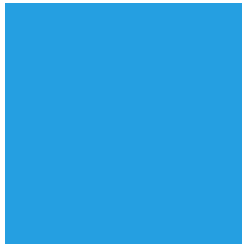
32.3159, 59.1136, -8.3557



8.6060, 15.9147, -3.5598

Previews

White Background



This preview shows how the HunterLab color 55.3406, -10.5590, -42.4020 looks on a white background.

Color Contrast Check

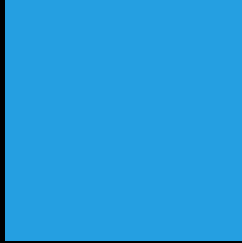
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 55.3406, -10.5590, -42.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

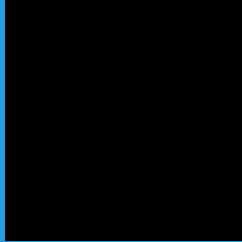
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

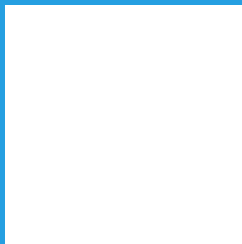
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.3406, -10.5590, -42.4020 Background



This preview shows how black text looks on a background with the HunterLab color 55.3406, -10.5590, -42.4020.



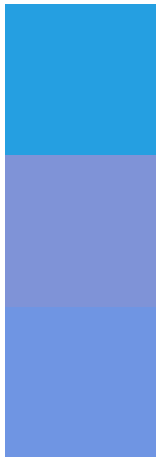
This preview shows how white text looks on a background with the HunterLab color 55.3406,

-10.5590, -42.4020.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.3406, -10.5590, -42.4020

Protanopia

55.0325, 5.7084, -35.2530

Deuteranopia

55.1547, 4.3501, -44.0595



Tritanopia

55.2513, -26.3483, -12.1809

Trichromacy



Original Color

55.3406, -10.5590, -42.4020

Protanomaly

54.4310, -1.8940, -39.4934

Deuteranomaly

54.9165, -2.5746, -43.8873

Tritanomaly

55.0141, -20.9118, -22.7504

Monochromacy



Original Color

55.3406, -10.5590, -42.4020

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

49.2475, -9.5591, -12.6775

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3406, -10.5590, -42.4020 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(37, 159, 225)` looks like.

```
.text, #text, p{  
  color:rgb(37, 159, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(37, 159, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 159, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3406, -10.5590, -42.4020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(37, 159, 225) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(37, 159, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(37, 159, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 159, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 159, 225);  
box-shadow:4px 4px 4px 4px rgb(37, 159,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3406, -10.5590, -42.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 159, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(37, 159,  
225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor