

Converting Colors

HunterLab(55.5243, -13.5559,
-29.0310)

Have a look what the booklet for
HunterLab(55.5243, -13.5559,
-29.0310) contains.

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Color

**HunterLab(55.4406,
-13.4784, -29.2039)**

Conversions

Conversions Part 1

Format	Color
Hex	40A0CF
RGB	64, 160, 207
RGB Percent	25%, 63%, 81%
CMY	0.7490, 0.3725, 0.1882
CMYK	0.69, 0.23, 0.00, 0.19
HSL	200°, 60%, 53%
HSV	200°, 69%, 81%
XYZ	25.9476, 30.7366, 63.5966
YIQ	136.6540, -72.3030, -5.7350

Conversions

Conversions Part 2

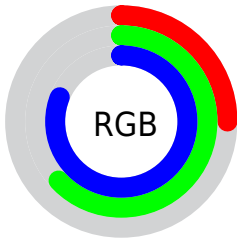
Format	Color
R _{YB}	64, 121, 207
Decimal	4235471
CIE _{Lab}	62.29, -13.08, -32.21
CIE _{LCh}	62, 34.760, 247.902
Yxy	30.7377, 0.2157, 0.2555
Android (android.graphics.Color)	4282425551 (0xFF40A0CF)
YUV	136.6540, 34.6806, -63.7176
Hunter-Lab	55.4406, -13.4784, -29.2039

Details

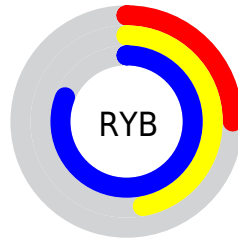
The HunterLab color **55.4406, -13.4784, -29.2039** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **50.0064, 27.9399, 25.5503**, and the grayscale version is **49.7672, -2.6555, 2.7039**.

A 20% lighter version of the original color is **77.6743, -18.4926, -24.6768**, and **36.3377, -8.8874, -26.2336** is the 20% darker color. If you saturate the color by 10%, you get **52.7947, -12.2754, -33.9778**, and if you desaturate by 10%, it is **58.3002, -13.9521, -24.3543**.

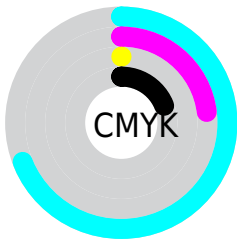
Distribution



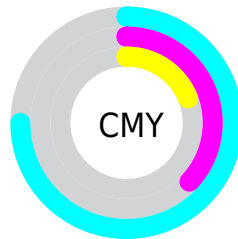
- Red (25%)
- Green (63%)
- Blue (81%)



- Red (25%)
- Yellow (47%)
- Blue (81%)



- Cyan (69%)
- Magenta (23%)
- Yellow (0%)
- Black (19%)



- Cyan (75%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.4406, -13.4784, -29.2039 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 55.4406, -13.4784, -29.2039 by changing the saturation by 10% instead.

■ 55.4406, -13.4784,
-29.2039

■ 55.4406, -13.4784,
-29.2039

174.7364,
-25.0784, -32.3771

■ 45.1655, -12.1783,
-28.6129

■ 77.9916, -16.0440,
-30.2642

■ 35.6168, -10.8553,
-28.0106

■ 90.1922, -17.3213,
-30.7204

■ 26.8559, -9.4942,
-27.4479

■ 102.9700,
-18.5996, -31.1238

■ 18.9612, -8.0700,
-27.0490

■ 116.3000,
-19.8816, -31.4747

■ 12.0409, -6.5364,
-27.1547

■ 130.1602,
-21.1692, -31.7739

■ 5.0302, -8.8028,
-38.0104

144.5311,

0.0000, NaN, -NF

-22.4638, -32.0230

0.0000, NaN, -NF

159.3951,
-23.7666, -32.2235

0.0000, NaN, NaN

■ 55.4406, -13.4784,
-29.2039

■ 55.4406, -13.4784,
-29.2039

■ 52.7947, -12.2754,
-33.9778

■ 58.3002, -13.9521,
-24.3543

■ 50.3610, -10.3429,
-38.6473

■ 61.3633, -13.7273,
-19.4660

■ 48.1188, -7.7726,
-43.2223

■ 64.6209, -12.8503,
-14.5681

■ 47.9163, -7.5235,
-43.6501

■ 68.0612, -11.3758,
-9.6846

■ 71.6721, -9.3606,
-4.8335

■ 75.4417, -6.8605,
-0.0268

■ 79.3586, -3.9275,
4.7279

■ 83.4120, -0.6094,
9.4269

■ 87.5921, 3.0515,
14.0692

Harmonies

Analogous

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



55.4416, -24.0842, -16.7985



55.4406, -13.4784, -29.2039



55.4416, 1.0921, -31.9525

Triad

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



55.4416, -13.4782, -29.2028



55.4416, 28.8691, 6.6865



55.4416, -19.7123, 20.7035

Complementary

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



55.4406, -13.4784, -29.2039



50.0064, 27.9399, 25.5503

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.



55.4416, -6.9013, 24.0148



55.4406, -13.4784, -29.2039



55.4416, 21.8906, 17.4592

Square

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



55.4416, -13.4782, -29.2028



55.4416, 26.6246, -8.4249



55.4416, 8.4033, 23.0115



55.4416, -27.4056, 12.4450

Rectangle

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



55.4406, -13.4784, -29.2039



55.4416, 11.3082, -27.4034



55.4416, 8.4033, 23.0115



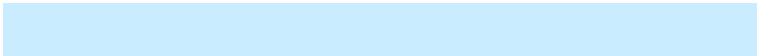
55.4416, -15.9190, 22.3155

Sweetspot

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



55.4416, -13.4782, -29.2028



89.7216, -12.4599, -7.4509



68.4301, -48.7911, 28.7056



40.9144, -6.1066, -4.2403

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.4416, -13.4782, -29.2028



65.2850, -14.4487, -45.9448



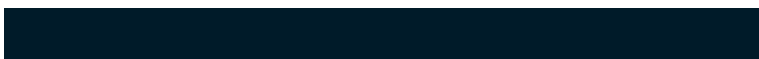
35.9799, 21.6351, -74.7275



35.6719, -3.2928, -0.0890



38.2685, -6.3368, -34.1529



9.8008, -2.6234, -6.5870

Inverse Universe

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



44.1265, 59.9576, -16.4474



51.5116, 86.3030, -19.8550



68.2616, -6.6535, 37.7318



34.5546, 2.2346, 0.1562



30.9025, 56.7783, -9.9284



7.4045, 13.7736, -3.6897

Previews

White Background



This preview shows how the HunterLab color 55.4406, -13.4784, -29.2039 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 55.4406, -13.4784, -29.2039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

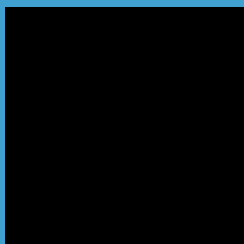
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

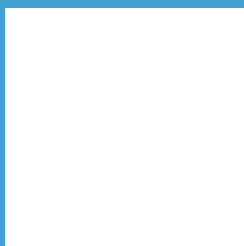
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.4406, -13.4784, -29.2039 Background



This preview shows how black text looks on a background with the HunterLab color 55.4406, -13.4784, -29.2039.



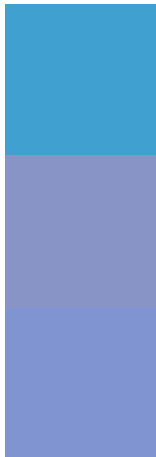
This preview shows how white text looks on a background with the HunterLab color 55.4406,

-13.4784, -29.2039.

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

55.4406, -13.4784, -29.2039

Protanopia

55.2189, 3.3712, -23.2804

Deuteranopia

55.2269, 4.4409, -31.3503



Tritanopia

55.4282, -23.9803, -11.8844

Trichromacy



Original Color

55.4406, -13.4784, -29.2039

Protanomaly

54.7618, -3.9090, -26.1521

Deuteranomaly

54.8299, -2.9663, -31.4944

Tritanomaly

55.3160, -20.3293, -17.8733

Monochromacy



Original Color

55.4406, -13.4784, -29.2039

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

51.1610, -9.0149, -8.2464

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4406, -13.4784, -29.2039 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(64, 160, 207)` looks like.

```
.text, #text, p{  
    color:rgb(64, 160, 207)  
}
```

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(64, 160, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 160, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4406, -13.4784, -29.2039 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(64, 160, 207) }
```


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

```
.border{ border-color:rgb(64, 160, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 160, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 160, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 160, 207);  
box-shadow:4px 4px 4px 4px rgb(64, 160,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4406, -13.4784, -29.2039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 160, 207) }
```

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

```
.background{ background-color: rgb(64, 160,  
207) }
```

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](#).

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