

Converting Colors

HunterLab(62.2755, -11.9783,
-35.4991)

Have a look what the booklet for
HunterLab(62.2755, -11.9783,
-35.4991) contains.

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Color

**HunterLab(62.2679,
-12.0744, -35.2463)**

Conversions

Conversions Part 1

Format	Color
Hex	53B0E9
RGB	83, 176, 233
RGB Percent	33%, 69%, 91%
CMY	0.6745, 0.3098, 0.0863
CMYK	0.64, 0.24, 0.00, 0.09
HSL	203°, 77%, 62%
HSV	203°, 64%, 91%
XYZ	33.8006, 38.7729, 82.7933
YIQ	154.6910, -73.7250, -1.9890

Conversions

Conversions Part 2

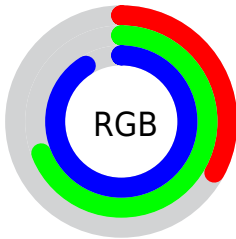
Format	Color
R _Y B	83, 140, 233
Decimal	5484777
CIE Lab	68.59, -10.36, -36.71
CIE LCh	69, 38.140, 254.246
Yxy	38.7743, 0.2176, 0.2496
Android (android.graphics.Color)	4283674857 (0xFF53B0E9)
YUV	154.6910, 38.6063, -62.8730
Hunter-Lab	62.2679, -12.0744, -35.2463

Details

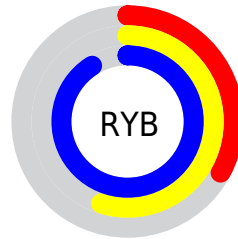
The HunterLab color **62.2679, -12.0744, -35.2463** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **60.5861, 25.2151, 29.7641**, and the grayscale version is **56.9976, -3.0412, 3.0968**.

A 20% lighter version of the original color is **84.2336, -23.2637, -15.0951**, and **41.9400, -8.9432, -33.1156** is the 20% darker color. If you saturate the color by 10%, you get **58.7594, -10.4795, -41.7641**, and if you desaturate by 10%, it is **66.0336, -12.8175, -28.7536**.

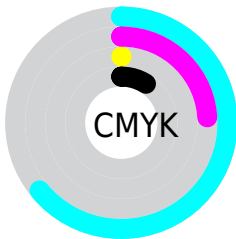
Distribution



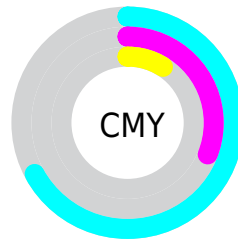
- Red (33%)
- Green (69%)
- Blue (91%)



- Red (33%)
- Yellow (55%)
- Blue (91%)



- Cyan (64%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (67%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.2679, -12.0744, -35.2463 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 62.2679, -12.0744, -35.2463 by changing the saturation by 10% instead.

■ 62.2679, -12.0744,
-35.2463

■ 62.2679, -12.0744,
-35.2463

184.6429,
-22.6170, -39.0912

■ 51.5598, -10.9372,
-34.6065

■ 85.6115, -14.3537,
-36.4287

■ 41.5466, -9.7958,
-33.9659

■ 98.1790, -15.5026,
-36.9550

■ 32.2814, -8.6418,
-33.3735

■ 111.3075,
-16.6602, -37.4328

■ 23.8304, -7.4624,
-32.9382

■ 124.9740,
-17.8280, -37.8612

■ 16.2814, -6.2351,
-32.9225

139.1582,
-19.0068, -38.2403

■ 9.7585, -5.1730,
-34.0943

153.8418,

0.0000, NaN, -NF

-20.1976, -38.5709

0.0000, NaN, -NF

169.0083,
-21.4008, -38.8541

0.0000, NaN, NaN

■ 62.2679, -12.0744,
-35.2463

■ 62.2679, -12.0744,
-35.2463

■ 58.7594, -10.4795,
-41.7641

■ 66.0336, -12.8175,
-28.7536

■ 55.5156, -8.0011,
-48.2646

■ 70.0380, -12.7679,
-22.3276

■ 52.5394, -4.6539,
-54.7037

■ 74.2654, -11.9957,
-15.9944

■ 50.9597, -2.4826,
-58.3359

■ 78.6988, -10.5742,
-9.7705

■ 83.3219, -8.5742,
-3.6643

■ 88.1195, -6.0615,
2.3226

■ 93.0777, -3.0953,
8.1929

■ 96.7289, -4.7450,
12.2675

■ 99.3294, -9.0222,
15.0321

Harmonies

Analogous

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



62.2690, -25.3404, -22.8758



62.2679, -12.0744, -35.2463



62.2690, 5.0447, -35.5821

Triad

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



62.2690, -12.0741, -35.2451



62.2690, 32.1767, 10.6618



62.2690, -24.8113, 22.0138

Complementary

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



62.2679, -12.0744, -35.2463



60.5861, 25.2151, 29.7641

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.



62.2690, -11.2763, 26.8642



62.2679, -12.0744, -35.2463



62.2690, 22.2481, 21.6239

Square

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



62.2690, -12.0741, -35.2451



62.2690, 31.9029, -5.7958



62.2690, 5.9338, 26.7442



62.2690, -32.1296, 11.3588

Rectangle

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



62.2679, -12.0744, -35.2463



62.2690, 16.4512, -28.7231



62.2690, 5.9338, 26.7442



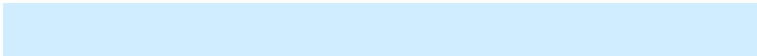
62.2690, -20.9063, 24.2302

Sweetspot

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



62.2690, -12.0741, -35.2451



89.8616, -10.6191, -7.2351



78.7102, -53.1646, 29.4563



40.8960, -5.1986, -4.2489

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.2690, -12.0741, -35.2451



63.9823, -10.8877, -48.4344



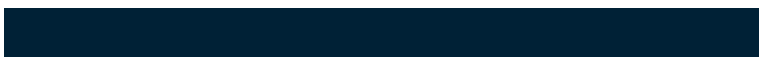
41.7428, 25.8461, -83.3241



40.1304, -3.4680, -0.3341



38.7062, -2.4008, -43.1968



11.6662, -1.9822, -10.3027

Inverse Universe

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



51.6201, 63.6659, -14.2561



52.5957, 81.2577, -15.0763



80.9556, -11.6682, 43.6854



39.0014, 2.4955, 0.3970



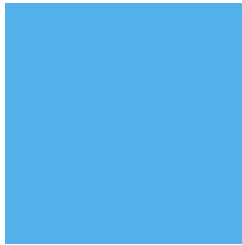
33.1741, 60.3547, -6.0289



9.3958, 17.2712, -3.0807

Previews

White Background



This preview shows how the HunterLab color 62.2679, -12.0744, -35.2463 looks on a white background.

Color Contrast Check

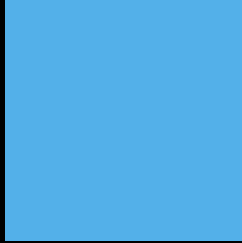
Large Text (above 18pt) WCAG AA × Fail

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 62.2679, -12.0744, -35.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

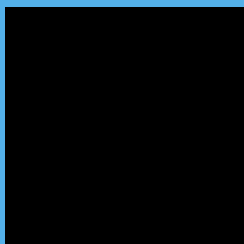
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

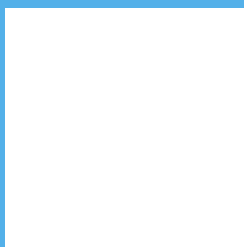
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.2679, -12.0744, -35.2463 Background



This preview shows how black text looks on a background with the HunterLab color 62.2679, -12.0744, -35.2463.



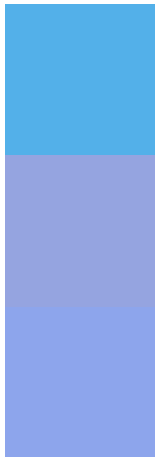
This preview shows how white text looks on a background with the HunterLab color 62.2679,

-12.0744, -35.2463.

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

62.2679, -12.0744, -35.2463

Protanopia

61.9050, 4.4796, -29.3180

Deuteranopia

62.1523, 4.9061, -37.3184



Tritanopia

62.4405, -26.0081, -12.1378

Trichromacy



Original Color

62.2679, -12.0744, -35.2463

Protanomaly

61.5721, -2.4431, -32.0818

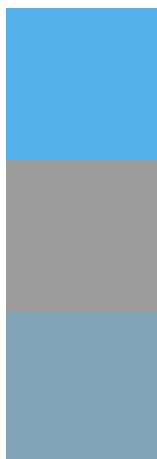
Deuteranomaly

61.9412, -1.9762, -37.0998

Tritanomaly

62.1573, -21.0357, -20.2274

Monochromacy



Original Color

62.2679, -12.0744, -35.2463

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

58.5495, -8.8734, -9.4438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.2679, -12.0744, -35.2463 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(83, 176, 233)` looks like.

```
.text, #text, p{  
    color:rgb(83, 176, 233)  
}
```

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(83, 176, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 176, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 62.2679, -12.0744, -35.2463 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(83, 176, 233) }
```


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

```
.border{ border-color:rgb(83, 176, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 176, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 176, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 176, 233);  
box-shadow:4px 4px 4px 4px rgb(83, 176,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.2679, -12.0744, -35.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 176, 233) }
```

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

```
.background{ background-color: rgb(83, 176,  
233) }
```

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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