

Converting Colors

HunterLab(58.1456, -6.1637,
-45.2105)

Have a look what the booklet for
HunterLab(58.1456, -6.1637,
-45.2105) contains.

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Color

**HunterLab(58.0572, -6.0996,
-45.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA3EC
RGB	74, 163, 236
RGB Percent	29%, 64%, 93%
CMY	0.7098, 0.3608, 0.0745
CMYK	0.69, 0.31, 0.00, 0.07
HSL	207°, 81%, 61%
HSV	207°, 69%, 93%
XYZ	31.0616, 33.7064, 84.2258
YIQ	144.7110, -76.4770, 3.8350

Conversions

Conversions Part 2

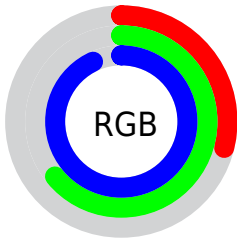
Format	Color
R _Y B	74, 131, 236
Decimal	4891628
CIE Lab	64.73, -3.57, -44.41
CIE LCh	65, 44.548, 265.407
Yxy	33.7075, 0.2085, 0.2262
Android (android.graphics.Color)	4283081708 (0xFF4AA3EC)
YUV	144.7110, 45.0055, -62.0135
Hunter-Lab	58.0572, -6.0996, -45.3742

Details

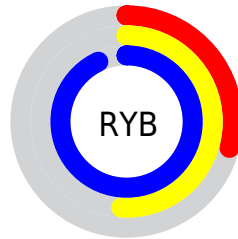
The HunterLab color **58.0572, -6.0996, -45.3742** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **62.6082, 22.3370, 32.8330**, and the grayscale version is **52.9445, -2.8250, 2.8766**.

A 20% lighter version of the original color is **79.2791, -17.6758, -22.2118**, and **38.5793, -2.5883, -42.6335** is the 20% darker color. If you saturate the color by 10%, you get **54.1484, -3.2357, -53.5835**, and if you desaturate by 10%, it is **62.2602, -8.0324, -37.3480**.

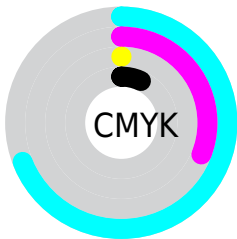
Distribution



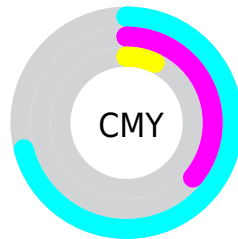
- Red (29%)
- Green (64%)
- Blue (93%)



- Red (29%)
- Yellow (51%)
- Blue (93%)



- Cyan (69%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



- Cyan (71%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.0572, -6.0996, -45.3742 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 58.0572, -6.0996, -45.3742 by changing the saturation by 10% instead.

■ 58.0572, -6.0996,
-45.3742

■ 58.0572, -6.0996,
-45.3742

178.5570,
-13.9206, -50.7126

■ 47.6120, -5.3452,
-44.6957

■ 80.9188, -7.6778,
-46.7837

■ 37.8805, -4.6148,
-44.1109

■ 93.2630, -8.5024,
-47.4645

■ 28.9206, -3.9069,
-43.7418

■ 106.1780, -9.3500,
-48.1120

■ 20.8056, -3.2194,
-43.8551

■ 119.6395,
-10.2203, -48.7199

■ 13.6349, -2.5472,
-45.1209

133.6263,
-11.1130, -49.2851

■ 7.2361, -2.5344,
-52.3459

148.1192,

0.0000, NaN, -NF

-12.0275, -49.8059

0.0000, NaN, -NF

163.1013,
-12.9635, -50.2817

0.0000, NaN, -NF

■ 58.0572, -6.0996,
-45.3742

■ 58.0572, -6.0996,
-45.3742

■ 54.1484, -3.2357,
-53.5835

■ 62.2602, -8.0324,
-37.3480

■ 50.5499, 0.5958,
-61.9196

■ 66.7312, -9.1084,
-29.5485

■ 47.2605, 5.3345,
-70.3420

■ 71.4474, -9.4137,
-21.9934

■ 46.8279, 6.0153,
-71.5161

■ 76.3863, -9.0361,
-14.6856

■ 81.5271, -8.0587,
-7.6167

■ 86.8513, -6.5565,
-0.7718

■ 92.3425, -4.5953,
5.8678

■ 97.2120, -4.9128,
11.4151

■ 99.4164, -8.5425,
13.7830

Harmonies

Analogous

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



58.0582, -23.0557, -34.9561



58.0572, -6.0996, -45.3742



58.0582, 14.0384, -39.6499

Triad

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



58.0582, -6.0991, -45.3729



58.0582, 35.1749, 16.5776



58.0582, -31.0770, 20.1040

Complementary

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



58.0572, -6.0996, -45.3742



62.6082, 22.3370, 32.8330

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.



58.0582, -18.4572, 27.1750



58.0572, -6.0996, -45.3742



58.0582, 19.9760, 25.6656

Square

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



58.0582, -6.0991, -45.3729



58.0582, 39.6254, 0.2043



58.0582, -0.0407, 28.8051



58.0582, -36.2030, 5.9685

Rectangle

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



58.0572, -6.0996, -45.3742



58.0582, 26.3698, -28.2075



58.0582, -0.0407, 28.8051



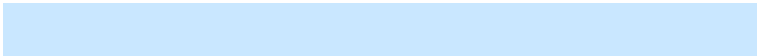
58.0582, -27.6596, 23.1738

Sweetspot

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



58.0582, -6.0991, -45.3729



87.6231, -9.1163, -10.1827



79.7191, -54.2438, 27.6717



39.8152, -4.3640, -5.6973

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.0582, -6.0991, -45.3729



57.6269, -2.1069, -61.8656



36.8288, 37.2872, -104.4099



39.9008, -3.0931, -0.6128



35.1422, 3.7779, -52.0801



10.7773, -0.5584, -12.2653

Inverse Universe

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



50.3750, 66.5246, -8.5782



50.7655, 82.1376, -6.5377



85.8837, -18.2251, 48.1284



38.9776, 2.3680, 0.7353



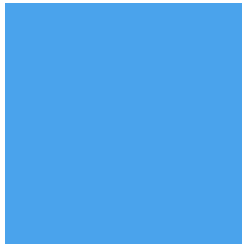
32.7712, 58.8976, -0.3422



9.2880, 16.8835, -1.5757

Previews

White Background



This preview shows how the HunterLab color 58.0572, -6.0996, -45.3742 looks on a white background.

Color Contrast Check

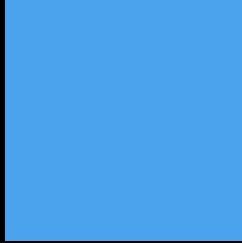
Large Text (above 18pt) WCAG AA × Fail

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 58.0572, -6.0996, -45.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

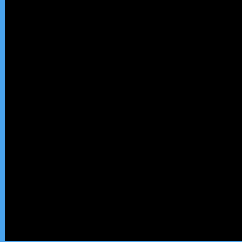
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

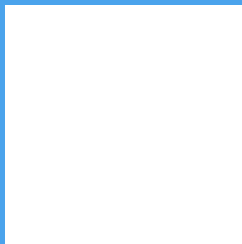
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.0572, -6.0996, -45.3742 Background



This preview shows how black text looks on a background with the HunterLab color 58.0572, -6.0996, -45.3742.

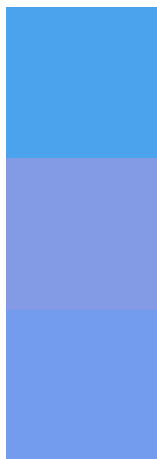


This preview shows how white text looks on a background with the HunterLab color 58.0572, -6.0996, -45.3742.

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

58.0572, -6.0996, -45.3742

Protanopia

57.9119, 6.2845, -39.3503

Deuteranopia

58.0198, 4.6782, -46.8263



Tritanopia

58.2291, -26.0308, -12.4454

Trichromacy



Original Color

58.0572, -6.0996, -45.3742

Protanomaly

57.6181, 1.1267, -42.2713

Deuteranomaly

58.0322, 0.1045, -46.0963

Tritanomaly

57.8911, -19.2189, -23.8175

Monochromacy



Original Color

58.0572, -6.0996, -45.3742

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

54.3992, -7.0241, -12.5087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0572, -6.0996, -45.3742 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(74, 163, 236)` looks like.

```
.text, #text, p{  
    color:rgb(74, 163, 236)  
}
```

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(74, 163, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 163, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0572, -6.0996, -45.3742 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(74, 163, 236) }
```


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

```
.border{ border-color:rgb(74, 163, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 163, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 163, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 163, 236);  
box-shadow:4px 4px 4px 4px rgb(74, 163,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0572, -6.0996, -45.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 163, 236) }
```

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

```
.background{ background-color: rgb(74, 163,  
236) }
```

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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