

Converting Colors

HunterLab(49.5573, -2.2232,
-21.1622)

Have a look what the booklet for
HunterLab(49.5573, -2.2232,
-21.1622) contains.

HunterLab(49.6592, -2.3933, -20.9963)	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(49.6592, -2.3933,
-20.9963)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8AB4
RGB	108, 138, 180
RGB Percent	42%, 54%, 71%
CMY	0.5765, 0.4588, 0.2941
CMYK	0.40, 0.23, 0.00, 0.29
HSL	215°, 32%, 56%
HSV	215°, 40%, 71%
XYZ	23.5110, 24.6604, 46.7007
YIQ	133.8180, -31.3620, 6.7020

Conversions

Conversions Part 2

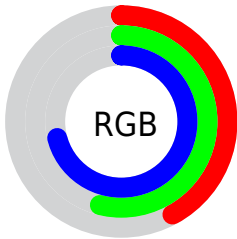
Format	Color
R _Y B	108, 129, 180
Decimal	7113396
CIE Lab	56.74, 0.32, -25.41
CIE LCh	57, 25.411, 270.723
Yxy	24.6613, 0.2478, 0.2599
Android (android.graphics.Color)	4285303476 (0xFF6C8AB4)
YUV	133.8180, 22.7677, -22.6424
Hunter-Lab	49.6592, -2.3933, -20.9963

Details

The HunterLab color $49.6592, -2.3933, -20.9963$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $57.0958, 1.4881, 20.4747$, and the grayscale version is $48.6766, -2.5973, 2.6447$.

A 20% lighter version of the original color is $71.4137, -3.3187, -21.9381$, and $30.5819, -1.2710, -20.1050$ is the 20% darker color. If you saturate the color by 10%, you get $45.5829, -1.0225, -28.0950$, and if you desaturate by 10%, it is $53.9156, -3.2681, -14.3193$.

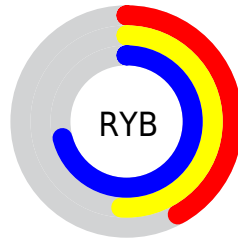
Distribution



Red (42%)

Green (54%)

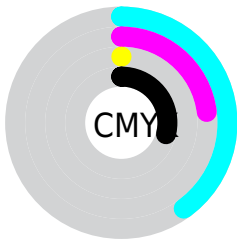
Blue (71%)



Red (42%)

Yellow (51%)

Blue (71%)

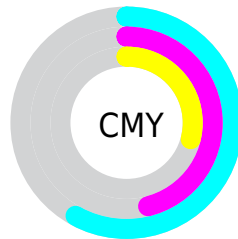


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6592, -2.3933, -20.9963 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 49.6592, -2.3933, -20.9963 by changing the saturation by 10% instead.

■ 49.6592, -2.3933,
-20.9963

■ 49.6592, -2.3933,
-20.9963

■ 166.1767, -8.4888,
-22.8169

■ 39.7805, -1.8843,
-20.5134

■ 71.4893, -3.5262,
-21.7903

■ 30.6600, -1.4171,
-19.9898

■ 83.3580, -4.1448,
-22.0991

■ 22.3679, -0.9962,
-19.4596

■ 95.8192, -4.7957,
-22.3502

■ 14.9972, -0.6272,
-19.0223

■ 108.8461, -5.4776,
-22.5456

■ 8.6406, -0.2998,
-19.1552

■ 122.4151, -6.1889,
-22.6876

0.0000, NaN, -NF

0.0000, NaN, -NF

136.5053, -6.9285,

-22.7787

0.0000, NaN, NaN

151.0981, -7.6955,
-22.8210

0.0000, NaN, NaN

■ 49.6592, -2.3933,
-20.9963

■ 49.6592, -2.3933,
-20.9963

■ 45.5829, -1.0225,
-28.0950

■ 53.9156, -3.2681,
-14.3193

■ 41.7089, 0.9303,
-35.6647

■ 58.3283, -3.7209,
-8.0158

■ 38.0679, 3.5555,
-43.7332

■ 62.8810, -3.8155,
-2.0342

■ 34.6939, 6.9376,
-52.2933

■ 67.5592, -3.6047,
3.6714

■ 31.6234, 11.1295,
-61.2770

■ 72.3508, -3.1325,
9.1419

■ 28.8580, 16.0205,
-70.6533

■ 77.2457, -2.4349,
14.4127

■ 28.8576, 16.0212,
-70.6547

■ 82.2355, -1.5420,
19.5140

■ 87.3127, -0.4783,
24.4715

■ 90.8579, -4.8260,
27.7240

Harmonies

Analogous

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



49.6601, -12.2780, -17.4747



49.6592, -2.3933, -20.9963



49.6601, 8.2520, -17.1349

Triad

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



49.6601, -2.3936, -20.9953



49.6601, 16.2120, 11.6635



49.6601, -19.2868, 11.3194

Complementary

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



49.6592, -2.3933, -20.9963



57.0958, 1.4881, 20.4747

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.



49.6601, -12.6903, 16.7061



49.6592, -2.3933, -20.9963



49.6601, 7.7672, 16.8733

Square

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



49.6601, -2.3936, -20.9953



49.6601, 19.5348, 2.9484



49.6601, -2.9107, 18.5068



49.6601, -21.5200, 2.4566

Rectangle

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



49.6592, -2.3933, -20.9963



49.6601, 14.2199, -11.2828



49.6601, -2.9107, 18.5068



49.6601, -17.5352, 13.5245

Sweetspot

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



49.6601, -2.3936, -20.9953



83.3045, -5.1473, -4.4826



61.6399, -27.0317, 10.2389



38.3632, -2.3912, -2.5558



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



49.6601, -2.3936, -20.9953



62.0125, -1.6326, -36.6741



41.8554, 13.6925, -35.1361



29.6523, -1.7878, -0.7677



24.3693, 12.7959, -58.0823



5.5063, -0.0299, -6.8178

Inverse Universe

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



47.1849, 26.2744, -0.6793



58.6281, 44.2755, -1.0149



65.4697, -14.3676, 27.2416



29.2610, 1.4894, 1.0432



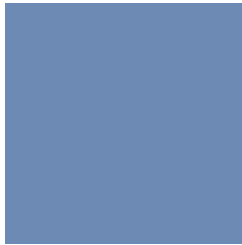
26.7201, 47.1337, 6.6094



4.8620, 8.8055, -0.5735

Previews

White Background



This preview shows how the HunterLab color 49.6592, -2.3933, -20.9963 looks on a white background.

Color Contrast Check

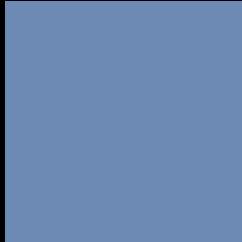
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6592, -2.3933, -20.9963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

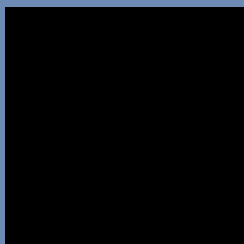
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

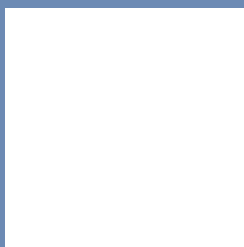
Any Text WCAG AAA × Fail

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

HunterLab 49.6592, -2.3933, -20.9963 Background



This preview shows how black text looks on a background with the HunterLab color 49.6592, -2.3933, -20.9963.



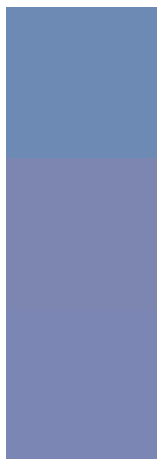
This preview shows how white text looks on a background with the HunterLab color 49.6592, -2.3933, -20.9963.

-20.9963.

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

49.6592, -2.3933, -20.9963

Protanopia

49.5072, 2.6828, -19.2613

Deuteranopia

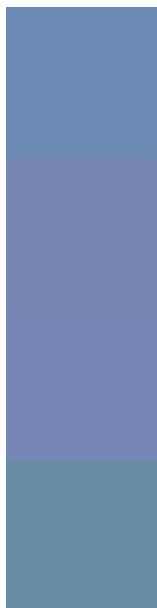
49.6704, 3.5579, -21.5136



Tritanopia

49.7441, -11.6174, -5.9899

Trichromacy



Original Color

49.6592, -2.3933, -20.9963

Protanomaly

49.3901, 0.9235, -20.1119

Deuteranomaly

49.5133, 1.5887, -21.8103

Tritanomaly

49.6358, -8.3051, -10.9499

Monochromacy



Original Color

49.6592, -2.3933, -20.9963

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.9104, -2.7221, -5.4007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6592, -2.3933, -20.9963 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(108, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(108, 138, 180)  
}
```

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(108, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 138, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6592, -2.3933, -20.9963 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(108, 138, 180) }
```


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

```
.border{ border-color:rgb(108, 138, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(108, 138,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6592, -2.3933, -20.9963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 138, 180) }
```

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

```
.background{ background-color: rgb(108,  
138, 180) }
```

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