

Converting Colors

HunterLab(47.8338, -2.4373,
-21.4796)

Have a look what the booklet for
HunterLab(47.8338, -2.4373,
-21.4796) contains.

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Color

HunterLab(47.9683, -2.6694,
-21.2578)

Conversions

Conversions Part 1

Format	Color
Hex	6686B0
RGB	102, 134, 176
RGB Percent	40%, 53%, 69%
CMY	0.6000, 0.4745, 0.3098
CMYK	0.42, 0.24, 0.00, 0.31
HSL	214°, 32%, 55%
HSV	214°, 42%, 69%
XYZ	21.8411, 23.0096, 44.3645
YIQ	129.2200, -32.5540, 6.2780

Conversions

Conversions Part 2

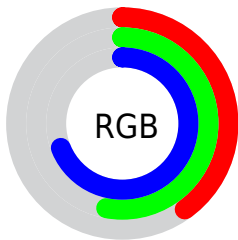
Format	Color
R _Y B	102, 124, 176
Decimal	6719152
CIE Lab	55.08, -0.14, -25.71
CIE LCh	55, 25.715, 269.699
Yxy	23.0104, 0.2448, 0.2579
Android (android.graphics.Color)	4284909232 (0xFF6686B0)
YUV	129.2200, 23.0625, -23.8719
Hunter-Lab	47.9683, -2.6694, -21.2578

Details

The HunterLab color $47.9683, -2.6694, -21.2578$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $54.8968, 2.3767, 20.2916$, and the grayscale version is $46.8624, -2.5005, 2.5461$.

A 20% lighter version of the original color is $69.5951, -3.6907, -22.2200$, and $29.2917, -1.9593, -19.9147$ is the 20% darker color. If you saturate the color by 10%, you get $44.1098, -1.3637, -28.0542$, and if you desaturate by 10%, it is $52.0032, -3.4796, -14.8470$.

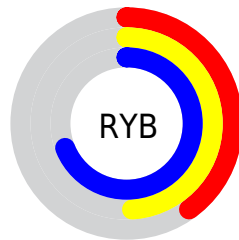
Distribution



Red (40%)

Green (53%)

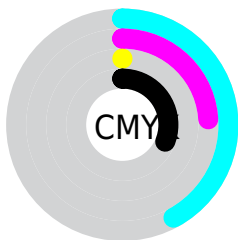
Blue (69%)



Red (40%)

Yellow (49%)

Blue (69%)

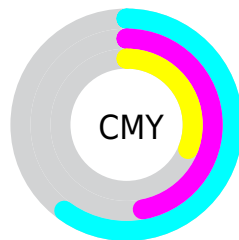


Cyan (42%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9683, -2.6694, -21.2578 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 47.9683, -2.6694, -21.2578 by changing the saturation by 10% instead.

■ 47.9683, -2.6694,
-21.2578

■ 47.9683, -2.6694,
-21.2578

■ 163.6394, -8.9021,
-23.2361

■ 38.2115, -2.1406,
-20.7600

■ 69.5776, -3.8380,
-22.0874

■ 29.2233, -1.6520,
-20.2271

■ 81.3450, -4.4730,
-22.4147

■ 21.0770, -1.2075,
-19.7019

■ 93.7098, -5.1396,
-22.6840

■ 13.8707, -0.8119,
-19.3084

■ 106.6445, -5.8364,
-22.8973

■ 7.5015, -0.4791,
-20.4664

■ 120.1249, -6.5621,
-23.0569

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 134.1299, -7.3156,

-23.1650

0.0000, NaN, NaN

148.6404, -8.0959,
-23.2241

0.0000, NaN, NaN

■ 47.9683, -2.6694,
-21.2578

■ 47.9683, -2.6694,
-21.2578

■ 44.1098, -1.3637,
-28.0542

■ 52.0032, -3.4796,
-14.8470

■ 40.4488, 0.5191,
-35.2742

■ 56.1917, -3.8661,
-8.7822

■ 37.0139, 3.0630,
-42.9334

■ 60.5177, -3.8913,
-3.0189

■ 33.8362, 6.3427,
-51.0130

■ 64.9672, -3.6077,
2.4839

■ 30.9474, 10.3982,
-59.4406

■ 69.5282, -3.0588,
7.7630

■ 28.8419, 14.0679,
-66.4184

■ 74.1909, -2.2810,
12.8511

■ 78.9467, -1.3043,
17.7761

■ 83.7884, -0.1536,
22.5622

■ 88.1220, -0.8620,
26.6495

Harmonies

Analogous

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



47.9692, -12.4690, -17.4512



47.9683, -2.6694, -21.2578



47.9692, 8.0180, -17.5942

Triad

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



47.9692, -2.6696, -21.2568



47.9692, 16.5662, 11.2994



47.9692, -19.0027, 11.4414

Complementary

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



47.9683, -2.6694, -21.2578



54.8968, 2.3767, 20.2916

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.



47.9692, -12.2979, 16.6445



47.9683, -2.6694, -21.2578



47.9692, 8.2204, 16.5760

Square

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



47.9692, -2.6696, -21.2568



47.9692, 19.6963, 2.5086



47.9692, -2.4544, 18.2995



47.9692, -21.3811, 2.7133

Rectangle

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



47.9683, -2.6694, -21.2578



47.9692, 14.0871, -11.7850



47.9692, -2.4544, 18.2995



47.9692, -17.2107, 13.5852

Sweetspot

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



47.9692, -2.6696, -21.2568



80.8017, -5.2594, -4.9649



59.9063, -27.2624, 10.3483



37.0232, -2.4574, -3.0835



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



47.9692, -2.6696, -21.2568



59.9977, -2.0800, -36.6826



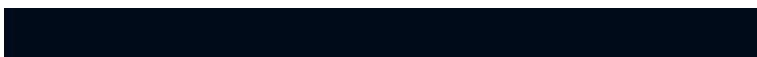
39.6987, 14.3577, -36.6318



29.6892, -1.8488, -0.7224



24.9307, 11.5560, -56.1072



5.5887, -0.1697, -6.6191

Inverse Universe

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



45.2271, 27.2556, -1.2226



56.2483, 45.3524, -1.7533



63.7777, -14.4000, 27.3608



29.2648, 1.5097, 0.9894



26.7723, 47.3248, 5.8551



4.8714, 8.8398, -0.7069

Previews

White Background



This preview shows how the HunterLab color 47.9683, -2.6694, -21.2578 looks on a white background.

Color Contrast Check

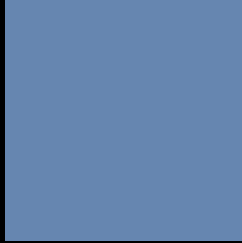
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9683, -2.6694, -21.2578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

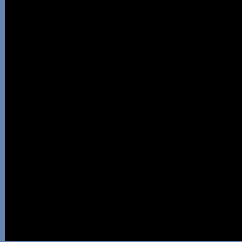
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

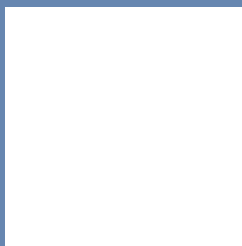
Any Text WCAG AAA × Fail

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

HunterLab 47.9683, -2.6694, -21.2578 Background



This preview shows how black text looks on a background with the HunterLab color 47.9683, -2.6694, -21.2578.



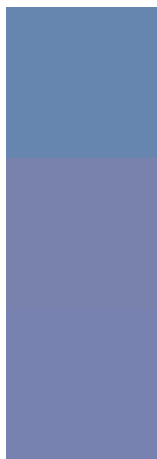
This preview shows how white text looks on a background with the HunterLab color 47.9683, -2.6694, -21.2578.

-21.2578.

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

47.9683, -2.6694, -21.2578

Protanopia

47.9327, 2.7789, -19.3181

Deuteranopia

48.0224, 3.4080, -21.7036



Tritanopia

48.0626, -11.8483, -6.1859

Trichromacy



Original Color

47.9683, -2.6694, -21.2578

Protanomaly

47.7486, 0.8003, -20.2871

Deuteranomaly

47.8724, 1.4687, -21.9910

Tritanomaly

47.9491, -8.5611, -11.1628

Monochromacy



Original Color

47.9683, -2.6694, -21.2578

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.1486, -3.3378, -5.2027

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9683, -2.6694, -21.2578 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(102, 134, 176)` looks like.

```
.text, #text, p{  
    color:rgb(102, 134, 176)  
}
```

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(102, 134, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 134, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9683, -2.6694, -21.2578 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(102, 134, 176) }
```


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

```
.border{ border-color:rgb(102, 134, 176) }
```

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

Here you see how a box with a 4 pixel rgb(102, 134, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 134, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 134, 176);  
box-shadow:4px 4px 4px 4px rgb(102, 134,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9683, -2.6694, -21.2578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 134, 176) }
```

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

```
.background{ background-color: rgb(102,  
134, 176) }
```

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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