

Converting Colors

HunterLab(47.6784, -2.0287,
-18.4744)

Have a look what the booklet for
HunterLab(47.6784, -2.0287,
-18.4744) contains.

HunterLab(47.7924, -2.2097, -18.3862)	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(47.7924, -2.2097,
-18.3862)**

Conversions

Conversions Part 1

Format	Color
Hex	6B85AB
RGB	107, 133, 171
RGB Percent	42%, 52%, 67%
CMY	0.5804, 0.4784, 0.3294
CMYK	0.37, 0.22, 0.00, 0.33
HSL	216°, 28%, 55%
HSV	216°, 37%, 67%
XYZ	21.8016, 22.8411, 41.7878
YIQ	129.5580, -27.6940, 6.3060

Conversions

Conversions Part 2

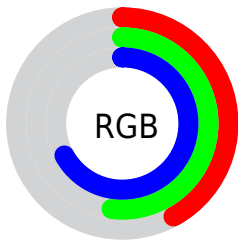
Format	Color
R_{YB}	107, 125, 171
Decimal	7046571
CIE _{Lab}	54.91, 0.43, -23.09
CIE _{LCh}	55, 23.090, 271.067
Yxy	22.8420, 0.2522, 0.2643
Android (android.graphics.Color)	4285236651 (0xFF6B85AB)
YUV	129.5580, 20.4309, -19.7834
Hunter-Lab	47.7924, -2.2097, -18.3862

Details

The HunterLab color $[47.7924, -2.2097, -18.3862]$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $[54.7456, 0.6234, 18.6795]$, and the grayscale version is $[47.0040, -2.5080, 2.5538]$.

A 20% lighter version of the original color is $[69.3415, -3.4907, -18.8549]$, and $[29.1776, -1.3177, -17.5087]$ is the 20% darker color. If you saturate the color by 10%, you get $[43.8608, -0.9702, -25.0722]$, and if you desaturate by 10%, it is $[51.8890, -3.0036, -12.1027]$.

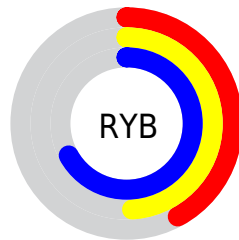
Distribution



Red (42%)

Green (52%)

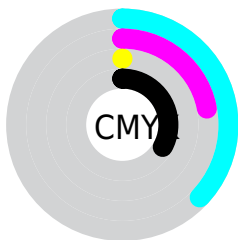
Blue (67%)



Red (42%)

Yellow (49%)

Blue (67%)

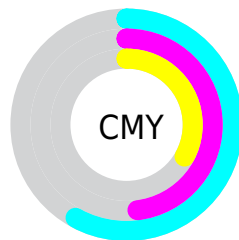


Cyan (37%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7924, -2.2097, -18.3862 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 47.7924, -2.2097, -18.3862 by changing the saturation by 10% instead.

■ 47.7924, -2.2097,
-18.3862

■ 47.7924, -2.2097,
-18.3862

■ 163.3746, -8.2103,
-19.6884

■ 38.0485, -1.7146,
-17.9502

■ 69.3785, -3.3177,
-19.0721

■ 29.0742, -1.2624,
-17.4640

■ 81.1352, -3.9250,
-19.3233

■ 20.9433, -0.8581,
-16.9553

■ 93.4899, -4.5651,
-19.5157

■ 13.7545, -0.5080,
-16.5120

■ 106.4148, -5.2366,
-19.6519

■ 7.3721, -0.1397,
-17.4768

■ 119.8860, -5.9380,
-19.7348

0.0000, NaN, -NF

0.0000, NaN, NaN

133.8820, -6.6681,

-19.7669

0.0000, NaN, NaN

148.3839, -7.4259,
-19.7507

0.0000, NaN, NaN

■ 47.7924, -2.2097,
-18.3862

■ 47.7924, -2.2097,
-18.3862

■ 43.8608, -0.9702,
-25.0722

■ 51.8890, -3.0036,
-12.1027

■ 40.1144, 0.7949,
-32.2137

■ 56.1288, -3.4190,
-6.1720

■ 36.5819, 3.1718,
-39.8478

■ 60.4970, -3.5137,
-0.5434

■ 33.2956, 6.2452,
-47.9824

■ 64.9804, -3.3353,
4.8276

■ 30.2914, 10.0779,
-56.5709

■ 69.5681, -2.9231,
9.9801

■ 27.5940, 14.6432,
-65.5247

■ 74.2511, -2.3094,
14.9474

■ 26.9344, 15.8759,
-67.9371

■ 79.0215, -1.5207,
19.7580

■ 83.8728, -0.5792,
24.4359

■ 88.1568, -1.7082,
28.3795

Harmonies

Analogous

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



47.7933, -11.1223, -15.3663



47.7924, -2.2097, -18.3862



47.7933, 7.3050, -14.9256

Triad

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



47.7933, -2.2101, -18.3852



47.7933, 14.2290, 10.7720



47.7933, -17.5960, 10.3097

Complementary

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



47.7924, -2.2097, -18.3862



54.7456, 0.6234, 18.6795

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.



47.7933, -11.6710, 15.2838



47.7924, -2.2097, -18.3862



47.7933, 6.6668, 15.5115

Square

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



47.7933, -2.2101, -18.3852



47.7933, 17.2439, 2.9259



47.7933, -2.8944, 16.9873



47.7933, -19.5736, 2.2749

Rectangle

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



47.7924, -2.2097, -18.3862



47.7933, 12.5989, -9.7395



47.7933, -2.8944, 16.9873



47.7933, -16.0242, 12.3349

Sweetspot

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



47.7933, -2.2101, -18.3852



78.7383, -4.7005, -3.5226



58.5457, -24.1394, 8.7958



36.8209, -2.2135, -2.1276



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



47.7933, -2.2101, -18.3852



59.5386, -1.6138, -32.0546



41.1377, 11.8995, -29.9722



28.7602, -1.6958, -0.7641



23.5944, 13.3055, -58.2137



5.1387, -0.1226, -6.1583

Inverse Universe

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



45.6810, 22.7739, -0.2551



56.6202, 38.4079, -0.5140



61.8538, -13.3768, 24.5457



28.4029, 1.4201, 1.0490



26.2012, 46.1612, 6.9241



4.4944, 8.1515, -0.6198

Previews

White Background



This preview shows how the HunterLab color 47.7924, -2.2097, -18.3862 looks on a white background.

Color Contrast Check

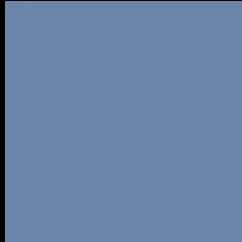
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7924, -2.2097, -18.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

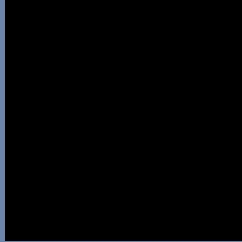
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

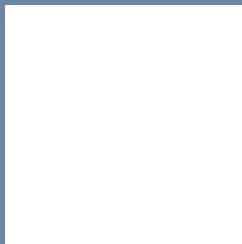
Any Text WCAG AAA × Fail

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

HunterLab 47.7924, -2.2097, -18.3862 Background



This preview shows how black text looks on a background with the HunterLab color 47.7924, -2.2097, -18.3862.



This preview shows how white text looks on a background with the HunterLab color 47.7924, -2.2097, -18.3862.

-18.3862.

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

47.7924, -2.2097, -18.3862

Protanopia

47.8485, 2.1762, -16.9896

Deuteranopia

47.7668, 3.5629, -18.9492



Tritanopia

47.7453, -10.0619, -5.5471

Trichromacy



Original Color

47.7924, -2.2097, -18.3862

Protanomaly

47.7995, 0.6519, -17.7071

Deuteranomaly

47.6715, 1.8161, -19.1353

Tritanomaly

47.8458, -7.6289, -9.6268

Monochromacy



Original Color

47.7924, -2.2097, -18.3862

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.3440, -2.7215, -4.4219

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7924, -2.2097, -18.3862 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(107, 133, 171)` looks like.

```
.text, #text, p{  
    color:rgb(107, 133, 171)  
}
```

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(107, 133, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 133, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7924, -2.2097, -18.3862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

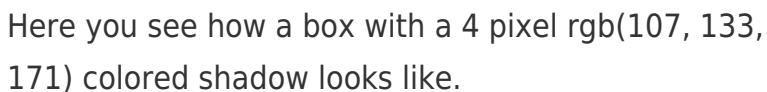
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 133, 171) }
```


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

```
.border{ border-color:rgb(107, 133, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 133, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 133, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 133, 171);  
box-shadow:4px 4px 4px 4px rgb(107, 133,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7924, -2.2097, -18.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 133, 171) }
```

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

```
.background{ background-color: rgb(107,  
133, 171) }
```

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