

Converting Colors

HunterLab(46.7579, -5.3413,
-1.9031)

Have a look what the booklet for
HunterLab(46.7579, -5.3413,
-1.9031) contains.

HunterLab(46.7434, -5.2744, -1.7879)	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(46.7434, -5.2744,
-1.7879)

Conversions

Conversions Part 1

Format	Color
Hex	75838A
RGB	117, 131, 138
RGB Percent	46%, 51%, 54%
CMY	0.5412, 0.4863, 0.4588
CMYK	0.15, 0.05, 0.00, 0.46
HSL	200°, 8%, 50%
HSV	200°, 15%, 54%
XYZ	20.0398, 21.8495, 27.2058
YIQ	127.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

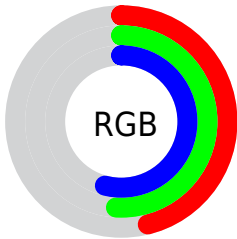
Format	Color
R_{YB}	117, 125, 138
Decimal	7701386
CIE Lab	53.87, -3.56, -5.51
CIE LCh	54, 6.558, 237.132
Yxy	21.8504, 0.2900, 0.3162
Android (android.graphics.Color)	4285891466 (0xFF75838A)
YUV	127.6120, 5.1213, -9.3067
Hunter-Lab	46.7434, -5.2744, -1.7879

Details

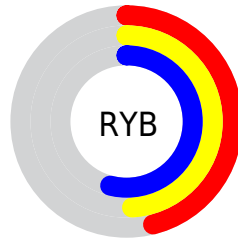
The HunterLab color $46.7434, -5.2744, -1.7879$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $45.9378, 0.8192, 6.5992$, and the grayscale version is $46.2929, -2.4701, 2.5152$.

A 20% lighter version of the original color is $68.1745, -6.9636, -0.9799$, and $28.2920, -3.8766, -1.9825$ is the 20% darker color. If you saturate the color by 10%, you get $44.4474, -6.6328, -4.8024$, and if you desaturate by 10%, it is $49.1332, -3.6418, 1.1963$.

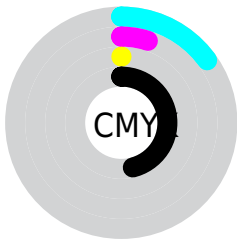
Distribution



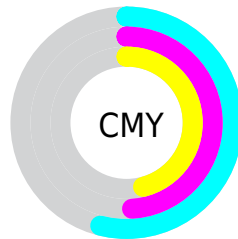
- Red (46%)
- Green (51%)
- Blue (54%)



- Red (46%)
- Yellow (49%)
- Blue (54%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7434, -5.2744, -1.7879 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 46.7434, -5.2744, -1.7879 by changing the saturation by 10% instead.

■ 46.7434, -5.2744,
-1.7879

■ 46.7434, -5.2744,
-1.7879

161.7912,
-12.8726, 2.4193

■ 37.0769, -4.5473,
-2.0216

■ 68.1898, -6.8017,
-1.1517

■ 28.1867, -3.8418,
-2.1916

■ 79.8825, -7.6004,
-0.7607

■ 20.1487, -3.1564,
-2.2874

■ 92.1763, -8.4226,
-0.3258

■ 13.0653, -2.4858,
-2.2951

105.0430, -9.2679,
0.1501

■ 6.5437, -2.7195,
-3.1329

118.4583,
-10.1360, 0.6645

0.0000, NaN, NaN

132.4006,

0.0000, NaN, NaN

-11.0264, 1.2154

0.0000, NaN, NaN

146.8506,
-11.9387, 1.8008

0.0000, NaN, NaN

■ 46.7434, -5.2744,
-1.7879

■ 46.7434, -5.2744,
-1.7879

■ 44.4474, -6.6328,
-4.8024

■ 49.1332, -3.6418,
1.1963

■ 42.2493, -7.6829,
-7.8440

■ 51.6075, -1.7616,
4.1450

■ 40.1571, -8.3922,
-10.9036

■ 54.1612, 0.3386,
7.0578

■ 38.1780, -8.7278,
-13.9693

■ 56.7887, 2.6352,
9.9349

■ 36.3186, -8.6589,
-17.0257

■ 59.4848, 5.1074,
12.7774

■ 34.5844, -8.1615,
-20.0540

■ 62.2451, 7.7368,
15.5871

■ 32.9787, -7.2230,
-23.0340

■ 65.0652, 10.5074,
18.3660

■ 31.4974, -5.8631,
-25.9560

■ 67.9413, 13.4051,
21.1166

■ 30.8083, -5.1546,
-27.3805

■ 70.8702, 16.4178,
23.8412

Harmonies

Analogous

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



46.7444, -7.0186, 0.2407



46.7434, -5.2744, -1.7879



46.7444, -2.7556, -2.6502

Triad

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



46.7444, -5.2752, -1.7871



46.7444, 2.7910, 2.2971



46.7444, -4.8359, 6.7214

Complementary

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



46.7434, -5.2744, -1.7879



45.9378, 0.8192, 6.5992

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.



46.7444, -2.2371, 7.2038



46.7434, -5.2744, -1.7879



46.7444, 2.2040, 4.7366

Square

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



46.7444, -5.2752, -1.7871



46.7444, 1.9348, -0.2100



46.7444, 0.3484, 6.4974



46.7444, -6.7690, 5.1408

Rectangle

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



46.7434, -5.2744, -1.7879



46.7444, -0.9608, -2.4145



46.7444, 0.3484, 6.4974



46.7444, -4.0130, 7.0133

Sweetspot

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



46.7444, -5.2752, -1.7871



65.2673, -4.8092, 1.6316



48.3793, -10.7209, 6.3957



30.8180, -2.3445, 0.6598



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



46.7444, -5.2752, -1.7871



61.0805, -7.6162, -3.6366



43.8812, -0.5489, -5.4586



23.2647, -2.0837, 0.0127



29.5460, -5.0073, -26.1206



2.9154, -1.1313, -1.2017

Inverse Universe

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



44.4578, 6.2726, -1.1333



57.4593, 10.8459, -2.5258



48.7644, -3.9354, 9.5167



22.5856, 1.2889, 0.1826



23.8023, 43.7509, -7.7883



2.0090, 3.8114, -1.5771

Previews

White Background



This preview shows how the HunterLab color 46.7434, -5.2744, -1.7879 looks on a white background.

Color Contrast Check

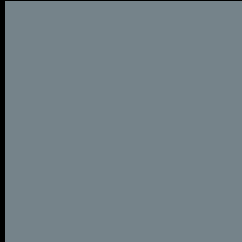
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7434, -5.2744, -1.7879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

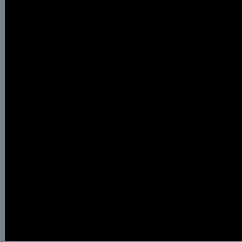
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

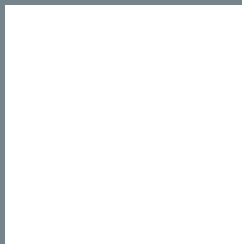
Any Text WCAG AAA × Fail

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

HunterLab 46.7434, -5.2744, -1.7879 Background



This preview shows how black text looks on a background with the HunterLab color 46.7434, -5.2744, -1.7879.



This preview shows how white text looks on a background with the HunterLab color 46.7434, -5.2744, -1.7879.

-1.7879.

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

46.7434, -5.2744, -1.7879

Protanopia

46.7793, -0.9066, -0.7126

Deuteranopia

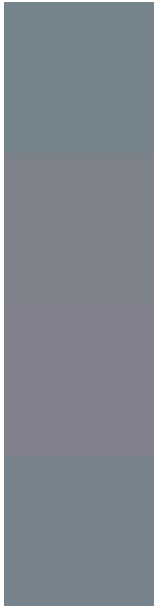
46.6536, 3.0929, -2.2402



Tritanopia

46.9119, -4.4918, -3.0201

Trichromacy



Original Color

46.7434, -5.2744, -1.7879

Protanomaly

46.7618, -2.3469, -1.2344

Deuteranomaly

46.5939, 0.0711, -2.3696

Tritanomaly

46.8803, -4.6663, -2.5730

Monochromacy



Original Color

46.7434, -5.2744, -1.7879

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.5312, -3.4514, 0.7964

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7434, -5.2744, -1.7879 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(117, 131, 138)` looks like.

```
.text, #text, p{  
    color:rgb(117, 131, 138)  
}
```

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(117, 131, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 131, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7434, -5.2744, -1.7879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

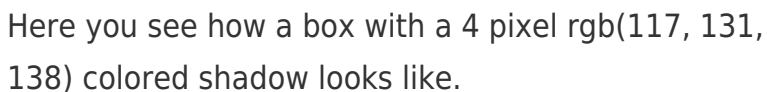
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 131, 138) }
```


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

```
.border{ border-color:rgb(117, 131, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 131, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 131, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 131, 138); box-shadow:4px 4px 4px 4px rgb(117, 131, 138) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7434, -5.2744, -1.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 131, 138) }
```

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

```
.background{ background-color: rgb(117,  
131, 138) }
```

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