

Converting Colors

HunterLab(46.4905, -2.1437,
1.6728)

Have a look what the booklet for
HunterLab(46.4905, -2.1437, 1.6728)
contains.

HunterLab(46.5180, -2.1658, 1.7087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(46.5180, -2.1658,
1.7087)**

Conversions

Conversions Part 1

Format	Color
Hex	808082
RGB	128, 128, 130
RGB Percent	50%, 50%, 51%
CMY	0.4980, 0.4980, 0.4902
CMYK	0.02, 0.02, 0.00, 0.49
HSL	240°, 1%, 51%
HSV	240°, 2%, 51%
XYZ	20.6505, 21.6392, 24.2075
YIQ	128.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

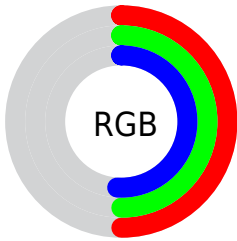
Format	Color
R_{YB}	128, 128, 130
Decimal	8421506
CIE Lab	53.64, 0.40, -1.09
CIE LCh	54, 1.159, 290.317
Yxy	21.6402, 0.3105, 0.3254
Android (android.graphics.Color)	4286611586 (0xFF808082)
YUV	128.2280, 0.8736, -0.2000
Hunter-Lab	46.5180, -2.1658, 1.7087

Details

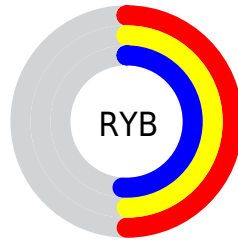
The HunterLab color $46.5180, -2.1658, 1.7087$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.1904, -2.8287, 3.3703$, and the grayscale version is $46.5481, -2.4837, 2.5290$.

A 20% lighter version of the original color is $68.0370, -3.2941, 2.8263$, and $28.0148, -1.2029, 0.7664$ is the 20% darker color. If you saturate the color by 10%, you get $41.8594, 0.2298, -4.1161$, and if you desaturate by 10%, it is $51.3040, -4.4105, 7.1292$.

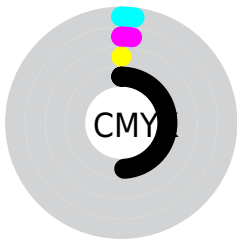
Distribution



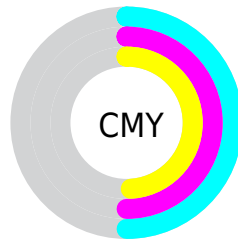
- Red (50%)
- Green (50%)
- Blue (51%)



- Red (50%)
- Yellow (50%)
- Blue (51%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5180, -2.1658, 1.7087 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 46.5180, -2.1658, 1.7087 by changing the saturation by 10% instead.

■ 46.5180, -2.1658,
1.7087

■ 46.5180, -2.1658,
1.7087

■ 161.4501, -8.1425,
7.5489

■ 36.8683, -1.6751,
1.2443

■ 67.9342, -3.2680,
2.7663

■ 27.9964, -1.2269,
0.8268

■ 79.6130, -3.8723,
3.3522

■ 19.9786, -0.8271,
0.4625

■ 91.8936, -4.5096,
3.9731

■ 12.9181, -0.4823,
0.1599

■ 104.7477, -5.1784,
4.6274

■ 6.3507, -0.0631,
-0.3636

■ 118.1510, -5.8773,
5.3135

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 132.0816, -6.6050,

6.0299

0.0000, NaN, NaN

146.5204, -7.3604,
6.7754

0.0000, NaN, NaN

■ 46.5180, -2.1658,
1.7087

■ 46.5180, -2.1658,
1.7087

■ 41.8594, 0.2298,
-4.1161

■ 51.3040, -4.4105,
7.1292

■ 37.3438, 2.8263,
-10.4704

■ 56.2002, -6.5364,
12.2354

■ 32.9971, 5.6848,
-17.5158

■ 61.1966, -8.5712,
17.0975

■ 28.8539, 8.8851,
-25.4617

■ 66.2841, -10.5348,
21.7686

■ 24.9636, 12.5224,
-34.5581

■ 71.4556, -12.4429,
26.2890

■ 21.3979, 16.6859,
-45.0410

■ 76.7049, -14.3073,
30.6902

■ 18.2610, 21.3858,
-56.9440

■ 82.0270, -16.1373,
34.9968

■ 15.6973, 26.3740,
-69.6352

■ 87.4175, -17.9404,
39.2282

■ 13.8754, 30.8878,
-81.1531

■ 92.8726, -19.7224,
43.3997

Harmonies

Analogous

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



46.5190, -2.6382, 1.6670



46.5180, -2.1658, 1.7087



46.5190, -1.7792, 1.9736

Triad

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



46.5190, -2.1669, 1.7095



46.5190, -1.8996, 3.1963



46.5190, -3.3821, 2.6781

Complementary

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



46.5180, -2.1658, 1.7087



47.1904, -2.8287, 3.3703

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.



46.5190, -3.1859, 3.0839



46.5180, -2.1658, 1.7087



46.5190, -2.3308, 3.3810

Square

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



46.5190, -2.1669, 1.7095



46.5190, -1.6245, 2.8330



46.5190, -2.8015, 3.3401



46.5190, -3.3386, 2.2293

Rectangle

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



46.5180, -2.1658, 1.7087



46.5190, -1.6210, 2.2384



46.5190, -2.8015, 3.3401



46.5190, -3.3420, 2.8240

Sweetspot

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



46.5190, -2.1669, 1.7095



62.6995, -3.3455, 3.4066



47.0804, -3.1048, 2.3747



29.8298, -1.5916, 1.6207



80.9895, -4.3214, 4.4003

Same Dimension

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



46.5190, -2.1669, 1.7095



61.4153, -2.7197, 1.8908



46.5993, -1.8853, 1.8102



22.1454, -1.0038, 0.7417



12.4437, 33.6653, -88.2272

0.0000, NaN, NaN

Inverse Universe

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



46.6295, -1.8945, 2.7314



61.6106, -2.2391, 3.6970



47.1104, -3.1112, 3.2724



22.2077, -0.8502, 1.3182



21.3327, 36.5343, 13.7734

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 46.5180, -2.1658, 1.7087 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 46.5180, -2.1658, 1.7087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

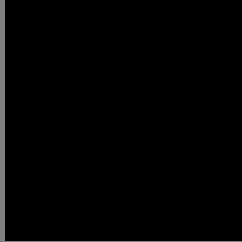
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

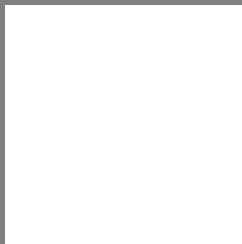
Any Text WCAG AAA × Fail

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

HunterLab 46.5180, -2.1658, 1.7087 Background



This preview shows how black text looks on a background with the HunterLab color 46.5180, -2.1658, 1.7087.



This preview shows how white text looks on a background with the HunterLab color 46.5180, -2.1658,

1.7087.

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

46.5180, -2.1658, 1.7087

Protanopia

46.4072, -1.1133, 1.5946

Deuteranopia

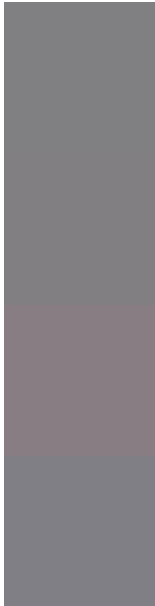
46.4144, 3.1970, 1.2269



Tritanopia

46.5317, -0.2665, -1.4880

Trichromacy



Original Color

46.5180, -2.1658, 1.7087

Protanomaly

46.3223, -1.4063, 1.4877

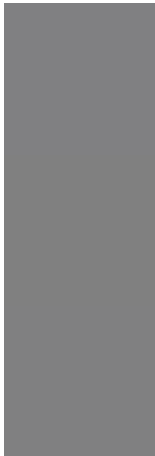
Deuteranomaly

46.3215, 1.4872, 1.0847

Tritanomaly

46.4404, -0.7630, -0.1918

Monochromacy



Original Color

46.5180, -2.1658, 1.7087

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.4893, -2.3231, 2.1182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5180, -2.1658, 1.7087 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(128, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 128, 130)  
}
```

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(128, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 128, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5180, -2.1658, 1.7087 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(128, 128, 130) }
```

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

```
.border{ border-color:rgb(128, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 128,  
130) }
```


Background

The CSS property to change the background color of an element to HunterLab 46.5180, -2.1658, 1.7087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 128, 130) }
```

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

```
.background{ background-color: rgb(128,  
128, 130) }
```

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