

Converting Colors

HunterLab(21.8764, -8.3861,
10.7073)

Have a look what the booklet for
HunterLab(21.8764, -8.3861,
10.7073) contains.

HunterLab(21.8066, -8.2351, 10.6358)	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(21.8066, -8.2351,
10.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	36421A
RGB	54, 66, 26
RGB Percent	21%, 26%, 10%
CMY	0.7882, 0.7412, 0.8980
CMYK	0.18, 0.00, 0.61, 0.74
HSL	78°, 43%, 18%
HSV	78°, 61%, 26%
XYZ	3.6560, 4.7553, 1.7025
YIQ	57.8520, 5.6880, -14.9840

Conversions

Conversions Part 2

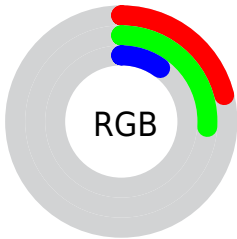
Format	Color
RYB	26, 66, 38
Decimal	3555866
CIELab	26.03, -12.37, 22.45
CIElCh	26, 25.627, 118.848
Yxy	4.7555, 0.3615, 0.4702
Android (android.graphics.Color)	4281745946 (0xFF36421A)
YUV	57.8520, -15.7030, -3.3782
Hunter-Lab	21.8066, -8.2351, 10.6358

Details

The HunterLab color **21.8066, -8.2351, 10.6358** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.4272, 9.1673, -16.7742**, and the grayscale version is **20.5701, -1.0976, 1.1176**.

A 20% lighter version of the original color is **39.1335, -10.8556, 14.8922**, and **8.1619, -6.5925, 4.9139** is the 20% darker color. If you saturate the color by 10%, you get **21.6232, -9.0594, 11.4265**, and if you desaturate by 10%, it is **22.0100, -7.3180, 9.6368**.

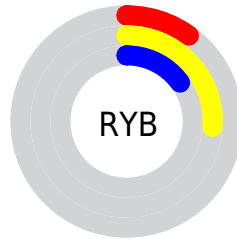
Distribution



Red (21%)

Green (26%)

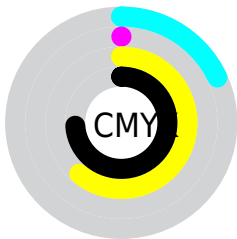
Blue (10%)



Red (10%)

Yellow (26%)

Blue (15%)

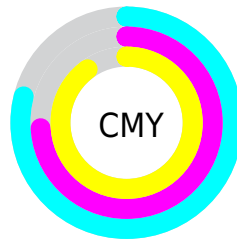


Cyan (18%)

Magenta (0%)

Yellow (61%)

Black (74%)



Cyan (79%)

Magenta (74%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8066, -8.2351, 10.6358 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 21.8066, -8.2351, 10.6358 by changing the saturation by 10% instead.

■ 21.8066, -8.2351,
10.6358

■ 21.8066, -8.2351,
10.6358

121.4240,
-19.6242, 27.5875

■ 14.5070, -6.8139,
8.6734

■ 39.1002, -10.8735,
14.9202

■ 8.1680, -7.0328,
5.7176

■ 48.9273, -12.1419,
16.8819

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4626, -13.3947,
18.7675

0.0000, NaN, NaN

■ 70.6614, -14.6395,
20.5971


0.0000, NaN, NaN


■ 82.4864, -15.8816,
22.3847


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.9061, -17.1246,


 107.8932,
-18.3715, 25.8730


 21.8066, -8.2351,
10.6358


 21.8066, -8.2351,
10.6358


 21.6232, -9.0594,
11.4265


 22.0100, -7.3180,
9.6368


 21.4576, -9.7911,
12.0171


 22.2325, -6.3057,
8.4235

 21.3074, -10.4468,
12.4511

 22.4748, -5.1993,
6.9929

 21.1710, -11.0469,
12.8521

 22.7372, -3.9999,
5.3445

 23.0198, -2.7098,
3.4795

■ 23.3227, -1.3316,
1.4008

■ 23.6456, 0.1314,
-0.8872

■ 23.9886, 1.6756,
-3.3788

■ 24.3513, 3.2970,
-6.0673

Harmonies

Analogous

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



21.8071, -0.8483, 11.4628



21.8066, -8.2351, 10.6358



21.8071, -13.0416, 7.5866

Triad

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



21.8071, -8.2357, 10.6360



21.8071, -8.7077, -15.8560



21.8071, 16.8598, 0.8847

Complementary

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



21.8066, -8.2351, 10.6358



12.4272, 9.1673, -16.7742

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.



21.8071, 13.9661, -8.0400



21.8066, -8.2351, 10.6358



21.8071, -1.4794, -19.6506

Square

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



21.8071, -8.2357, 10.6360



21.8071, -13.2846, -7.3200



21.8071, 6.9405, -16.3682



21.8071, 14.3637, 7.2342

Rectangle

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



21.8066, -8.2351, 10.6358



21.8071, -14.5313, 3.8828



21.8071, 6.9405, -16.3682



21.8071, 16.4785, -1.9040

Sweetspot

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



21.8071, -8.2357, 10.6360



30.0311, -4.9710, 6.6176



16.1840, 6.1616, 6.4998



15.2601, -2.6454, 3.5318



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.8071, -8.2357, 10.6360



28.3725, -12.4924, 15.5251



20.7637, -12.3128, 9.7882



12.2414, -1.2886, 1.6248



31.2308, -16.7186, 18.9516



77.9114, -43.1404, 47.2534

Inverse Universe

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



12.4272, 9.1673, -16.7742



13.4651, 16.1246, -30.8415



14.2541, 13.8488, -12.4144



11.4871, 0.0470, -0.4044



10.5995, 26.2767, -56.1321



25.7070, 65.0432, -146.3253

Previews

White Background



This preview shows how the HunterLab color 21.8066, -8.2351, 10.6358 looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

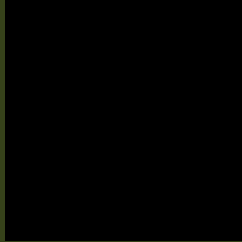
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 21.8066, -8.2351, 10.6358 Background



This preview shows how black text looks on a background with the HunterLab color 21.8066, -8.2351, 10.6358.



This preview shows how white text looks on a background with the HunterLab color 21.8066, -8.2351, 10.6358.

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

21.8066, -8.2351, 10.6358

Protanopia

21.8647, -2.7314, 10.9312

Deuteranopia

21.7905, 0.8101, 10.4522



Tritanopia

21.8639, -1.2017, -0.9486

Trichromacy



Original Color

21.8066, -8.2351, 10.6358

Protanomaly

21.7145, -4.5656, 10.7892

Deuteranomaly

21.8021, -2.9128, 10.5635

Tritanomaly

21.6167, -4.0998, 4.3375

Monochromacy



Original Color

21.8066, -8.2351, 10.6358

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.9871, -3.9890, 5.5602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8066, -8.2351, 10.6358 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(54, 66, 26)` looks like.

```
.text, #text, p{  
    color:rgb(54, 66, 26)  
}
```

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(54, 66, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 66, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8066, -8.2351, 10.6358 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(54, 66, 26) }
```


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

```
.border{ border-color:rgb(54, 66, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 66, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 66, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 66, 26);  
box-shadow:4px 4px 4px 4px rgb(54, 66, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8066, -8.2351, 10.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 66, 26) }
```

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

```
.background{ background-color: rgb(54, 66,  
26) }
```

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