

Converting Colors

HunterLab(18.4409, 8.6462,
-13.5140)

Have a look what the booklet for
HunterLab(18.4409, 8.6462,
-13.5140) contains.

HunterLab(18.4409, 8.6462, -13.5140)	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(18.4409, 8.6462,
-13.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2D51
RGB	59, 45, 81
RGB Percent	23%, 18%, 32%
CMY	0.7686, 0.8235, 0.6824
CMYK	0.27, 0.44, 0.00, 0.68
HSL	263°, 29%, 25%
HSV	263°, 44%, 32%
XYZ	4.2272, 3.4007, 8.2182
YIQ	53.2900, -3.2120, 14.1640

Conversions

Conversions Part 2

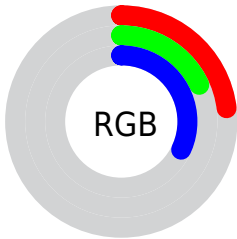
Format	Color
R_{YB}	59, 45, 81
Decimal	3878225
CIE _{Lab}	21.58, 15.16, -19.72
CIE _{LCh}	22, 24.877, 307.543
Yxy	3.4008, 0.2668, 0.2146
Android (android.graphics.Color)	4282068305 (0xFF3B2D51)
YUV	53.2900, 13.6610, 5.0077
Hunter-Lab	18.4409, 8.6462, -13.5140

Details

The HunterLab color **18.4409, 8.6462, -13.5140** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.9587, -9.2319, 10.9899**, and the grayscale version is **18.9228, -1.0097, 1.0281**.

A 20% lighter version of the original color is **34.9952, 9.6642, -14.6467**, and **5.0594, 11.1819, -16.2462** is the 20% darker color. If you saturate the color by 10%, you get **16.4219, 11.1293, -17.7921**, and if you desaturate by 10%, it is **20.5862, 6.2371, -9.6263**.

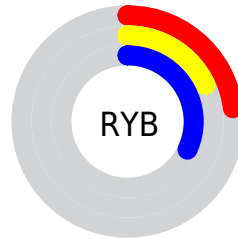
Distribution



Red (23%)

Green (18%)

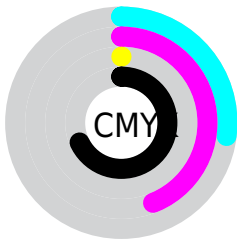
Blue (32%)



Red (23%)

Yellow (18%)

Blue (32%)

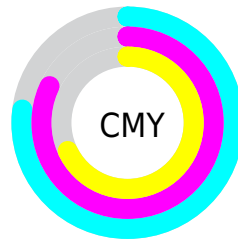


Cyan (27%)

Magenta (44%)

Yellow (0%)

Black (68%)



Cyan (77%)

Magenta (82%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4409, 8.6462, -13.5140 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 18.4409, 8.6462, -13.5140 by changing the saturation by 10% instead.

■ 18.4409, 8.6462,
-13.5140

■ 18.4409, 8.6462,
-13.5140

■ 115.3452, 10.4726,
-15.6028

■ 11.5948, 7.9055,
-13.0800

■ 34.9742, 9.6816,
-14.4044

■ 4.1855, 15.5582,
-21.2267

■ 44.4697, 10.0267,
-14.7658

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.6963, 10.2790,
-15.0600

0.0000, NaN, NaN

■ 65.6053, 10.4500,
-15.2881

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.1562, 10.5484,
-15.4530

0.0000, NaN, NaN

■ 89.3152, 10.5814,

-15.5582

0.0000, NaN, NaN

102.0532, 10.5545,
-15.6070

18.4409, 8.6462,
-13.5140

18.4409, 8.6462,
-13.5140

16.4219, 11.1293,
-17.7921

20.5862, 6.2371,
-9.6263

14.5554, 13.6638,
-22.5019

22.8357, 3.9045,
-6.0722

12.8776, 16.1806,
-27.6231

25.1743, 1.6402,
-2.7933

11.4329, 18.5316,
-33.0012

27.5898, -0.5661,
0.2616

10.1792, 20.8013,
-38.7061

30.0727, -2.7251,
3.1351

■ 9.4511, 22.4710,
-42.6190

■ 32.6158, -4.8464,
5.8617

■ 35.2130, -6.9383,
8.4692

■ 37.8595, -9.0076,
10.9800

■ 40.5513, -11.0601,
13.4119

Harmonies

Analogous

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



18.4413, 0.9456, -18.4191



18.4409, 8.6462, -13.5140



18.4413, 14.3161, -5.0396

Triad

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



18.4413, 8.6460, -13.5135



18.4413, 4.8503, 9.7114



18.4413, -13.2093, -0.8884

Complementary

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



18.4409, 8.6462, -13.5140



26.9587, -9.2319, 10.9899

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.



18.4413, -12.5049, 5.5110



18.4409, 8.6462, -13.5140



18.4413, -2.8393, 10.0881

Square

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



18.4413, 8.6460, -13.5135



18.4413, 11.8920, 7.5569



18.4413, -8.9720, 8.9021



18.4413, -11.0787, -9.4587

Rectangle

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



18.4409, 8.6462, -13.5140



18.4413, 15.7384, 0.4063



18.4413, -8.9720, 8.9021



18.4413, -13.2893, 1.5820

Sweetspot

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



18.4413, 8.6460, -13.5135



33.1449, 1.8496, -3.2343



22.7821, -3.9323, -6.2901



16.6540, 1.1536, -1.9461



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



18.4413, 8.6460, -13.5135



21.3231, 14.6408, -23.4293



20.1009, 13.3818, -10.3415



13.7201, 0.1930, -0.5290



12.1455, 29.1208, -56.6573



28.3106, 69.0717, -141.3089

Inverse Universe

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



20.0785, 12.3796, -3.0918



24.1016, 20.3188, -4.9252



25.9468, -13.1252, 10.0853



13.8600, 0.5900, 0.2603



18.2894, 33.3382, -3.8182



43.7166, 79.3200, -6.2785

Previews

White Background



This preview shows how the HunterLab color 18.4409, 8.6462, -13.5140 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

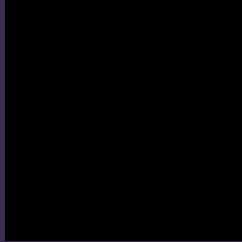
Any Text WCAG AA × Fail

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 18.4409, 8.6462, -13.5140 Background



This preview shows how black text looks on a background with the HunterLab color 18.4409, 8.6462, -13.5140.



This preview shows how white text looks on a background with the HunterLab color 18.4409, 8.6462, -13.5140.

-13.5140.

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

18.4409, 8.6462, -13.5140

Protanopia

18.5280, 2.5140, -16.7125

Deuteranopia

18.5667, 0.9195, -12.7788



Tritanopia

18.5142, 0.3296, -0.1607

Trichromacy



Original Color

18.4409, 8.6462, -13.5140

Protanomaly

18.4245, 4.3857, -15.5612

Deuteranomaly

18.3212, 3.7233, -13.2059

Tritanomaly

18.4595, 3.0352, -4.1514

Monochromacy



Original Color

18.4409, 8.6462, -13.5140

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.5804, 2.1974, -3.5184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4409, 8.6462, -13.5140 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(59, 45, 81)` looks like.

```
.text, #text, p{  
    color:rgb(59, 45, 81)  
}
```

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(59, 45, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 45, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4409, 8.6462, -13.5140 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(59, 45, 81) }
```


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

```
.border{ border-color:rgb(59, 45, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 45, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 45, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 45, 81);  
box-shadow:4px 4px 4px 4px rgb(59, 45, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4409, 8.6462, -13.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 45, 81) }
```

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

```
.background{ background-color: rgb(59, 45,  
81) }
```

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