

Converting Colors

HunterLab(16.4645, -2.1595,
7.9907)

Have a look what the booklet for
HunterLab(16.4645, -2.1595, 7.9907)
contains.

HunterLab(16.4361, -2.1404, 8.0261)	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(16.4361, -2.1404,
8.0261)**

Conversions

Conversions Part 1

Format	Color
Hex	332E12
RGB	51, 46, 18
RGB Percent	20%, 18%, 7%
CMY	0.8000, 0.8196, 0.9294
CMYK	0.00, 0.10, 0.65, 0.80
HSL	51°, 48%, 14%
HSV	51°, 65%, 20%
XYZ	2.4514, 2.7015, 0.9645
YIQ	44.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

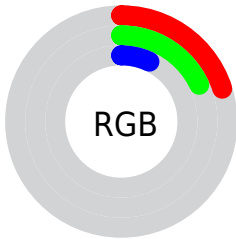
Format	Color
R_YB	24, 51, 18
Decimal	3354130
CIE Lab	18.81, -2.30, 18.63
CIE LCh	19, 18.771, 97.039
Yxy	2.7016, 0.4007, 0.4416
Android (android.graphics.Color)	4281544210 (0xFF332E12)
YUV	44.3030, -12.9674, 5.8733
Hunter-Lab	16.4361, -2.1404, 8.0261

Details

The HunterLab color **16.4361, -2.1404, 8.0261** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.9013, 3.4656, -12.5926**, and the grayscale version is **16.0086, -0.8542, 0.8698**.

A 20% lighter version of the original color is **32.6249, -3.3928, 12.0207**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.2077, -2.1037, 8.5697**, and if you desaturate by 10%, it is **16.6765, -2.1209, 7.3381**.

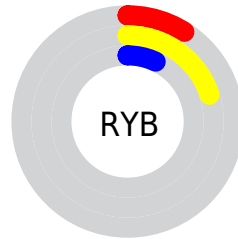
Distribution



Red (20%)

Green (18%)

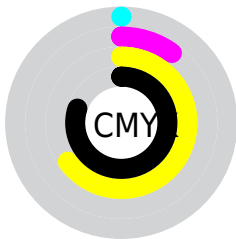
Blue (7%)



Red (9%)

Yellow (20%)

Blue (7%)

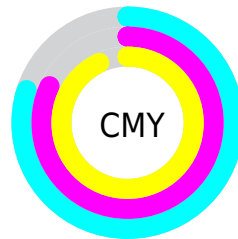


Cyan (0%)

Magenta (10%)

Yellow (65%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4361, -2.1404, 8.0261 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 16.4361, -2.1404, 8.0261 by changing the saturation by 10% instead.

■ 16.4361, -2.1404,
8.0261

■ 16.4361, -2.1404,
8.0261

■ 111.6016, -8.3793,
23.2135

■ 9.8894, -1.5879,
6.9226

■ 32.4762, -3.3285,
11.8837

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.7584, -3.9662,
13.6336

0.0000, NaN, NaN

■ 51.7874, -4.6331,
15.3140

0.0000, NaN, NaN

■ 62.5114, -5.3284,
16.9456

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.8877, -6.0514,
18.5425

0.0000, NaN, NaN

■ 85.8810, -6.8014,

0.0000, NaN, NaN

20.1150

■ 98.4610, -7.5776,
21.6701

■ 16.4361, -2.1404,
8.0261

■ 16.4361, -2.1404,
8.0261

■ 16.2077, -2.1037,
8.5697

■ 16.6765, -2.1209,
7.3381

■ 15.9889, -2.0161,
8.9864

■ 16.9281, -2.0423,
6.5032

■ 15.7722, -1.9226,
9.3936

■ 17.1912, -1.9045,
5.5210

■ 15.6577, -1.8744,
9.6154

■ 17.4660, -1.7076,
4.3923

■ 17.7524, -1.4519,
3.1187

■ 18.0504, -1.1382,
1.7029

■ 18.3599, -0.7675,
0.1483

■ 18.6807, -0.3411,
-1.5413

■ 19.0126, 0.1395,
-3.3616

Harmonies

Analogous

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



16.4365, 3.4078, 7.6757



16.4361, -2.1404, 8.0261



16.4365, -6.7194, 7.0232

Triad

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



16.4365, -2.1410, 8.0263



16.4365, -8.4261, -6.3038



16.4365, 9.9125, -3.4827

Complementary

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



16.4361, -2.1404, 8.0261



9.9013, 3.4656, -12.5926

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.



16.4365, 5.9140, -9.2025



16.4361, -2.1404, 8.0261



16.4365, -4.7650, -11.1671

Square

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



16.4365, -2.1410, 8.0263



16.4365, -10.0293, -0.3729



16.4365, 0.4246, -12.3720



16.4365, 10.8533, 2.0687

Rectangle

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



16.4361, -2.1404, 8.0261



16.4365, -8.7703, 5.4422



16.4365, 0.4246, -12.3720



16.4365, 8.8583, -5.4966

Sweetspot

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



16.4365, -2.1410, 8.0263



22.6791, -2.0547, 4.9101



10.9559, 9.1968, 2.3816



11.9627, -1.0954, 2.6452



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.4365, -2.1410, 8.0263



20.6772, -2.6293, 11.4432



16.9187, -6.7335, 8.3018



9.8736, -0.6907, 1.2201



26.9597, -2.7535, 16.5642



69.9724, -5.9600, 43.0123

Inverse Universe

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



9.9013, 3.4656, -12.5926



10.4162, 7.0920, -23.0606



9.6584, 7.5031, -13.1431



9.3817, -0.3173, -0.2172



10.1328, 16.8710, -49.0849



24.6476, 51.2386, -141.4167

Previews

White Background



This preview shows how the HunterLab color 16.4361, -2.1404, 8.0261 looks on a white background.

Color Contrast Check

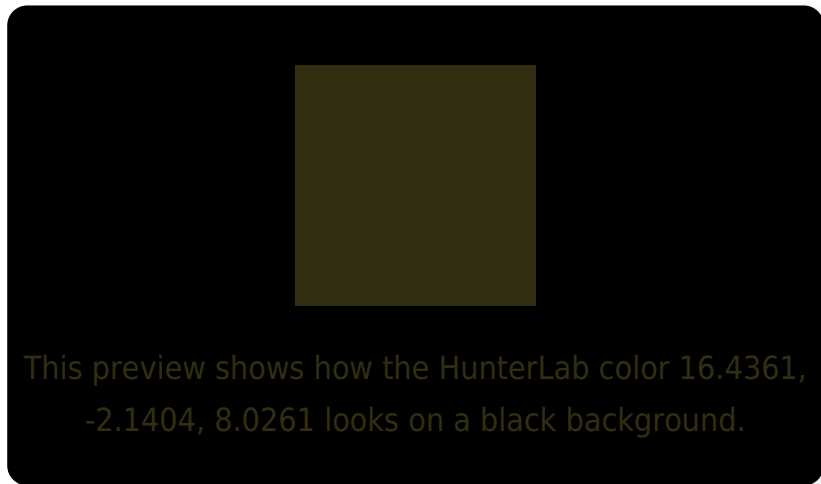
Large Text (above 18pt) WCAG AA ✓ Pass

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

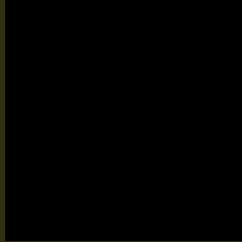
Any Text WCAG AA × Fail

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 16.4361, -2.1404, 8.0261 Background



This preview shows how black text looks on a background with the HunterLab color 16.4361, -2.1404, 8.0261.

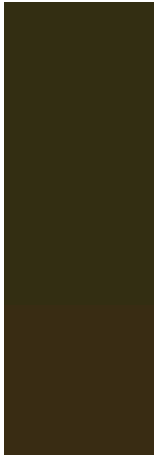


This preview shows how white text looks on a background with the HunterLab color 16.4361, -2.1404, 8.0261.

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

16.4361, -2.1404, 8.0261

Protanopia

16.4361, -2.1404, 8.0261

Deuteranopia

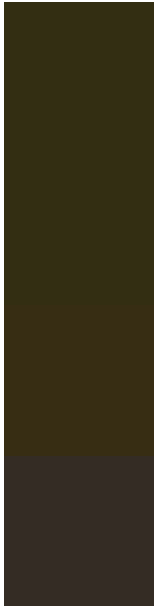
16.4871, 0.4399, 7.9514



Tritanopia

16.3765, 2.1354, 0.7705

Trichromacy



Original Color

16.4361, -2.1404, 8.0261

Protanomaly

16.4361, -2.1404, 8.0261

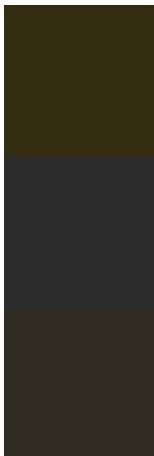
Deuteranomaly

16.5409, -0.5492, 7.9745

Tritanomaly

16.3058, 0.3133, 3.9841

Monochromacy



Original Color

16.4361, -2.1404, 8.0261

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.1321, -1.5201, 4.0699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4361, -2.1404, 8.0261 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(51, 46, 18)` looks like.

```
.text, #text, p{  
    color:rgb(51, 46, 18)  
}
```

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(51, 46, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 46, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4361, -2.1404, 8.0261 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(51, 46, 18) }
```


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

```
.border{ border-color:rgb(51, 46, 18) }
```

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

Here you see how a box with a 4 pixel rgb(51, 46, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 46, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 46, 18);  
box-shadow:4px 4px 4px 4px rgb(51, 46, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4361, -2.1404, 8.0261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 46, 18) }
```

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

```
.background{ background-color: rgb(51, 46,  
18) }
```

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](#).

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