

Converting Colors

HunterLab(13.3685, -2.0160,
4.0980)

Have a look what the booklet for
HunterLab(13.3685, -2.0160, 4.0980)
contains.

HunterLab(13.3665, -2.0248, 4.1214)	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(13.3665, -2.0248,
4.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	252519
RGB	37, 37, 25
RGB Percent	15%, 15%, 10%
CMY	0.8549, 0.8549, 0.9020
CMYK	0.00, 0.00, 0.32, 0.85
HSL	60°, 19%, 12%
HSV	60°, 32%, 15%
XYZ	1.6000, 1.7866, 1.1802
YIQ	35.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

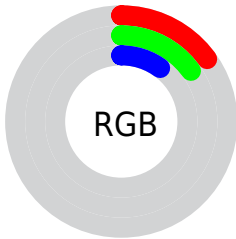
Format	Color
R_{YB}	25, 37, 25
Decimal	2434329
CIE Lab	14.33, -2.57, 8.02
CIE LCh	14, 8.424, 107.759
Yxy	1.7867, 0.3503, 0.3912
Android (android.graphics.Color)	4280624409 (0xFF252519)
YUV	35.6320, -5.2416, 1.1997
Hunter-Lab	13.3665, -2.0248, 4.1214

Details

The HunterLab color **13.3665, -2.0248, 4.1214** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10.1762, 1.1802, -3.9070**, and the grayscale version is **13.1806, -0.7033, 0.7161**.

A 20% lighter version of the original color is **28.7155, -3.3800, 6.3434**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.3108, -2.3379, 4.9356**, and if you desaturate by 10%, it is **13.4304, -1.6713, 3.2003**.

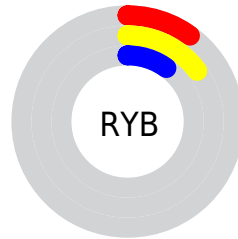
Distribution



Red (15%)

Green (15%)

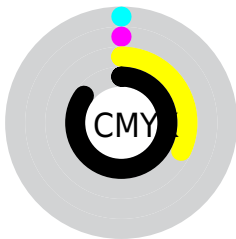
Blue (10%)



Red (10%)

Yellow (15%)

Blue (10%)

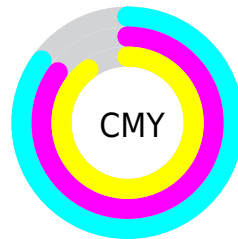


Cyan (0%)

Magenta (0%)

Yellow (32%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3665, -2.0248, 4.1214 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 13.3665, -2.0248, 4.1214 by changing the saturation by 10% instead.

■ 13.3665, -2.0248,
4.1214

■ 13.3665, -2.0248,
4.1214

■ 105.6453, -8.2934,
13.3611

■ 6.9201, -1.9876,
4.8440

■ 28.5757, -3.2288,
6.2141

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.5030, -3.8707,
7.2230

0.0000, NaN, NaN

■ 47.2045, -4.5406,
8.2272

0.0000, NaN, NaN

■ 57.6228, -5.2382,
9.2343

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7115, -5.9628,
10.2486

0.0000, NaN, NaN

■ 80.4323, -6.7140,

0.0000, NaN, NaN

11.2734

■ 92.7529, -7.4911,
12.3104

■ 13.3665, -2.0248,
4.1214

■ 13.3665, -2.0248,
4.1214

■ 13.3108, -2.3379,
4.9356

■ 13.4304, -1.6713,
3.2003

■ 13.2623, -2.6102,
5.6441

■ 13.5019, -1.2757,
2.1707

■ 13.2210, -2.8429,
6.2497

■ 13.5814, -0.8385,
1.0325

■ 13.1865, -3.0372,
6.7554

■ 13.6689, -0.3596,
-0.2143

■ 13.1557, -3.2116,
7.2091

■ 13.7647, 0.1607,
-1.5688

■ 13.1249, -3.3869,
7.6650

■ 13.8688, 0.7217,
-3.0297

■ 13.1014, -3.5200,
8.0114

■ 13.9811, 1.3230,
-4.5952

■ 14.1018, 1.9634,
-6.2630

■ 14.2308, 2.6422,
-8.0305

Harmonies

Analogous

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



13.3668, 0.2285, 4.1957



13.3665, -2.0248, 4.1214



13.3668, -3.8076, 3.2389

Triad

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



13.3668, -2.0252, 4.1216



13.3668, -3.5357, -2.7433



13.3668, 3.8467, -0.1874

Complementary

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



13.3665, -2.0248, 4.1214



10.1762, 1.1802, -3.9070

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.



13.3668, 2.6895, -2.3911



13.3665, -2.0248, 4.1214



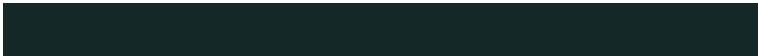
13.3668, -1.6310, -4.0242

Square

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



13.3668, -2.0252, 4.1216



13.3668, -4.6387, -0.6082



13.3668, 0.6499, -3.8855



13.3668, 3.7234, 1.9383

Rectangle

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



13.3665, -2.0248, 4.1214



13.3668, -4.5351, 2.2121



13.3668, 0.6499, -3.8855



13.3668, 3.5915, -0.9495

Sweetspot

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



13.3668, -2.0252, 4.1216



17.2312, -1.5334, 2.5252



10.7648, 2.4876, 1.6111



9.9476, -0.8847, 1.4563



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



13.3668, -2.0252, 4.1216



16.9756, -2.9536, 6.2220



12.9797, -3.4313, 3.7367



7.6976, -0.6112, 0.9370



27.8389, -7.4799, 17.0232



76.9525, -20.6768, 47.0558

Inverse Universe

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



10.1762, 1.1802, -3.9070



11.8012, 2.3158, -6.9823



10.5838, 2.5040, -3.2399



7.2555, -0.1745, -0.1562



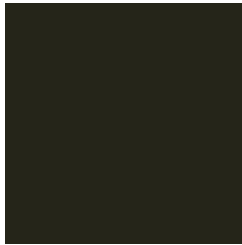
7.7664, 21.0658, -55.1785



21.4675, 58.2300, -152.5308

Previews

White Background



This preview shows how the HunterLab color 13.3665, -2.0248, 4.1214 looks on a white background.

Color Contrast Check

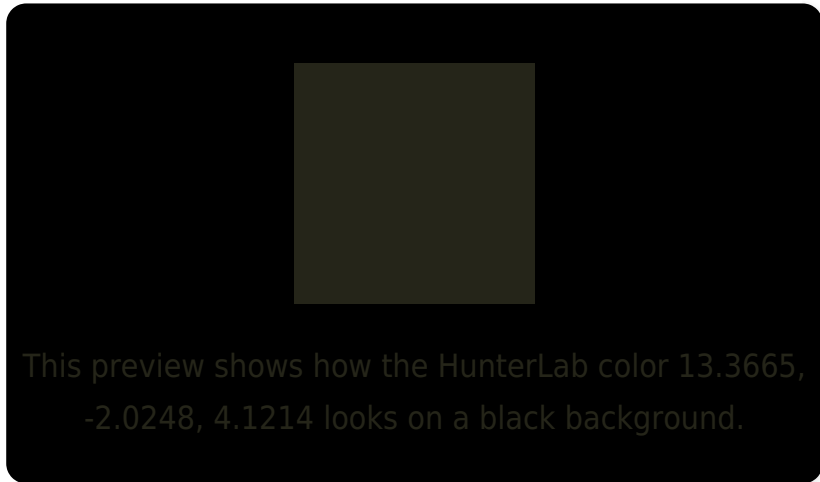
Large Text (above 18pt) WCAG AA ✓ Pass

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

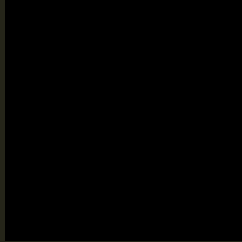
Any Text WCAG AA × Fail

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 13.3665, -2.0248, 4.1214 Background



This preview shows how black text looks on a background with the HunterLab color 13.3665, -2.0248, 4.1214.

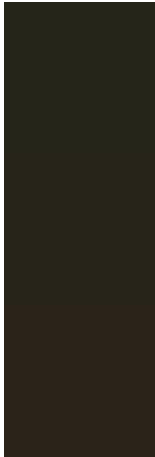


This preview shows how white text looks on a background with the HunterLab color 13.3665, -2.0248,

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

13.3665, -2.0248, 4.1214

Protanopia

13.2788, -1.1514, 4.0557

Deuteranopia

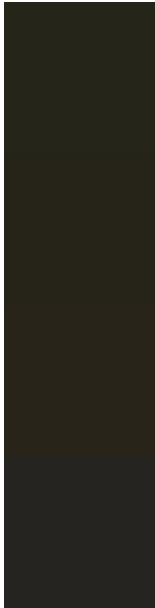
13.3635, 0.2930, 4.1592



Tritanopia

13.3167, 0.6570, 0.0529

Trichromacy



Original Color

13.3665, -2.0248, 4.1214

Protanomaly

13.2061, -1.4076, 3.9838

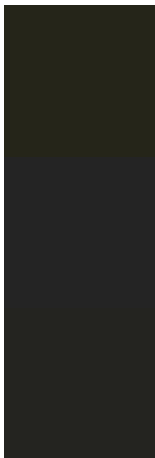
Deuteranomaly

13.4289, -0.6274, 4.2033

Tritanomaly

13.3553, -0.5872, 1.8315

Monochromacy



Original Color

13.3665, -2.0248, 4.1214

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1951, -1.1881, 1.9698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3665, -2.0248, 4.1214 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(37, 37, 25)` looks like.

```
.text, #text, p{  
    color:rgb(37, 37, 25)  
}
```

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(37, 37, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 37, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3665, -2.0248, 4.1214 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(37, 37, 25) }
```


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

```
.border{ border-color:rgb(37, 37, 25) }
```

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

Here you see how a box with a 4 pixel rgb(37, 37, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 37, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 37, 25);  
box-shadow:4px 4px 4px 4px rgb(37, 37, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.3665, -2.0248, 4.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 37, 25) }
```

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

```
.background{ background-color: rgb(37, 37,  
25) }
```

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