

Converting Colors

HunterLab(12.6905, -2.5428,
5.5189)

Have a look what the booklet for
HunterLab(12.6905, -2.5428, 5.5189)
contains.

HunterLab(12.6365, -2.5115, 5.4425)	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(12.6365, -2.5115,
5.4425)**

Conversions

Conversions Part 1

Format	Color
Hex	232310
RGB	35, 35, 16
RGB Percent	14%, 14%, 6%
CMY	0.8627, 0.8627, 0.9373
CMYK	0.00, 0.00, 0.54, 0.86
HSL	60°, 37%, 10%
HSV	60°, 54%, 14%
XYZ	1.3877, 1.5968, 0.7253
YIQ	32.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

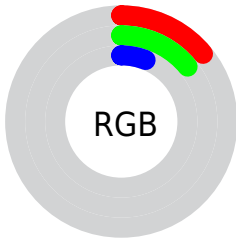
Format	Color
RYB	16, 35, 16
Decimal	2302736
CIELab	13.21, -3.70, 12.40
CIELCh	13, 12.944, 106.627
Yxy	1.5969, 0.3741, 0.4304
Android (android.graphics.Color)	4280492816 (0xFF232310)
YUV	32.8340, -8.2992, 1.8996
Hunter-Lab	12.6365, -2.5115, 5.4425

Details

The HunterLab color **12.6365, -2.5115, 5.4425** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **7.7597, 2.5783, -7.3237**, and the grayscale version is **12.3043, -0.6565, 0.6685**.

A 20% lighter version of the original color is **27.5734, -3.7928, 8.3167**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5986, -2.7268, 6.0020**, and if you desaturate by 10%, it is **12.6816, -2.2605, 4.7884**.

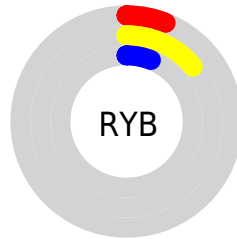
Distribution



 Red (14%)

 Green (14%)

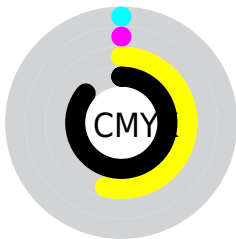
 Blue (6%)



 Red (6%)

 Yellow (14%)

 Blue (6%)

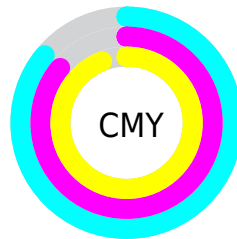


 Cyan (0%)

 Magenta (0%)

 Yellow (54%)

 Black (86%)



 Cyan (86%)

 Magenta (86%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6365, -2.5115, 5.4425 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 12.6365, -2.5115, 5.4425 by changing the saturation by 10% instead.

■ 12.6365, -2.5115,
5.4425

■ 12.6365, -2.5115,
5.4425

■ 104.1810, -9.3592,
17.1267

■ 5.9624, -3.0254,
4.1737

■ 27.6318, -3.8890,
8.2392

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.4686, -4.6027,
9.5658

0.0000, NaN, NaN

■ 46.0869, -5.3379,
10.8552

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.4278, -6.0959,
12.1225

0.0000, NaN, NaN

■ 67.4438, -6.8770,
13.3775

0.0000, NaN, NaN

■ 79.0959, -7.6814,

0.0000, NaN, NaN

14.6270

■ 91.3511, -8.5089,
15.8756

■ 12.6365, -2.5115,
5.4425

■ 12.6365, -2.5115,
5.4425

■ 12.5986, -2.7268,
6.0020

■ 12.6816, -2.2605,
4.7884

■ 12.5666, -2.9079,
6.4731

■ 12.7332, -1.9719,
4.0369

■ 12.5360, -3.0810,
6.9237

■ 12.7919, -1.6452,
3.1865

■ 12.5054, -3.2549,
7.3764

■ 12.8578, -1.2801,
2.2362

■ 12.4878, -3.3548,
7.6362

■ 12.9311, -0.8765,
1.1854

■ 13.0118, -0.4344,
0.0344

■ 13.1001, 0.0460,
-1.2164

■ 13.1961, 0.5642,
-2.5658

■ 13.2997, 1.1197,
-4.0122

Harmonies

Analogous

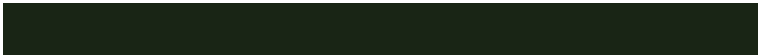
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.6368, 0.8911, 5.5050



12.6365, -2.5115, 5.4425



12.6368, -5.1312, 4.2900

Triad

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



12.6368, -2.5119, 5.4426



12.6368, -4.9029, -4.7919



12.6368, 6.4230, -0.8552

Complementary

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



12.6365, -2.5115, 5.4425



7.7597, 2.5783, -7.3237

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.



12.6368, 4.4997, -4.4392



12.6365, -2.5115, 5.4425



12.6368, -2.1682, -7.0895

Square

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



12.6368, -2.5119, 5.4426



12.6368, -6.4072, -1.2476



12.6368, 1.2733, -6.9455



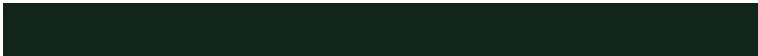
12.6368, 6.3056, 2.3586

Rectangle

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



12.6365, -2.5115, 5.4425



12.6368, -6.1899, 2.9375



12.6368, 1.2733, -6.9455



12.6368, 5.9857, -2.0706

Sweetspot

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



12.6368, -2.5119, 5.4426



16.3348, -1.7676, 3.2067



8.7485, 4.5226, 2.1475



9.1542, -0.9730, 1.7515



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.6368, -2.5119, 5.4426



16.0071, -3.5996, 7.9753



12.0526, -4.6830, 4.9332



7.6976, -0.6112, 0.9370



27.8391, -7.4791, 17.0234



76.9532, -20.6742, 47.0563

Inverse Universe

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



7.7597, 2.5783, -7.3237



8.2446, 4.8900, -13.3480



8.3968, 4.4818, -5.9761



7.2555, -0.1745, -0.1562



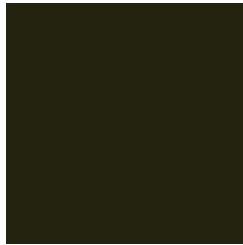
7.7663, 21.0657, -55.1796



21.4674, 58.2299, -152.5318

Previews

White Background



This preview shows how the HunterLab color 12.6365, -2.5115, 5.4425 looks on a white background.

Color Contrast Check

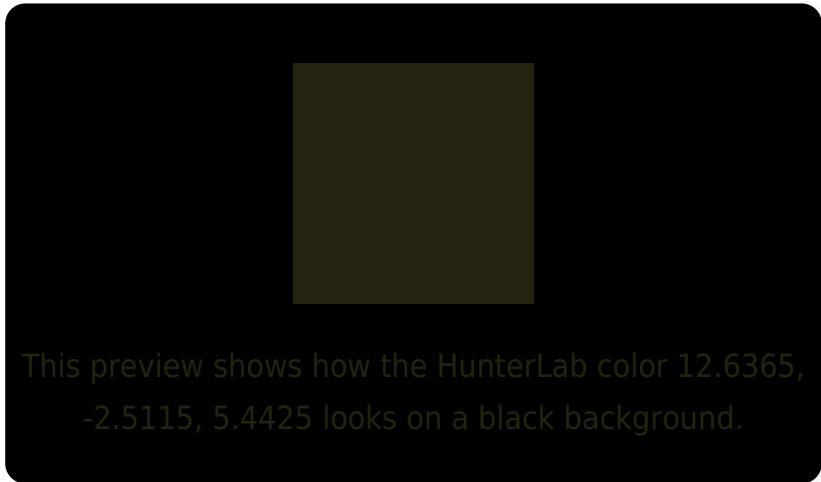
Large Text (above 18pt) WCAG AA ✓ Pass

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

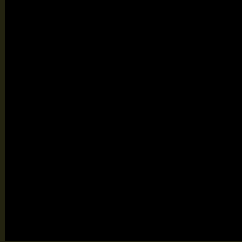
Any Text WCAG AA × Fail

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 12.6365, -2.5115, 5.4425 Background



This preview shows how black text looks on a background with the HunterLab color 12.6365, -2.5115, 5.4425.

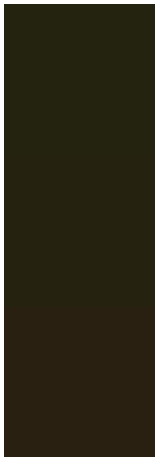


This preview shows how white text looks on a background with the HunterLab color 12.6365, -2.5115,

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

12.6365, -2.5115, 5.4425

Protanopia

12.6235, -1.3774, 5.4520

Deuteranopia

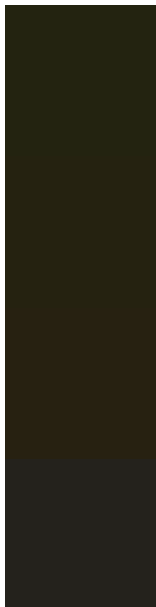
12.5129, 0.5349, 5.2070



Tritanopia

12.6585, 0.5531, 0.3620

Trichromacy



Original Color

12.6365, -2.5115, 5.4425

Protanomaly

12.5490, -1.6415, 5.3878

Deuteranomaly

12.4881, -0.6747, 5.1655

Tritanomaly

12.6608, -0.8790, 2.6414

Monochromacy



Original Color

12.6365, -2.5115, 5.4425

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.5031, -1.4715, 2.7615

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6365, -2.5115, 5.4425 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(35, 35, 16)` looks like.

```
.text, #text, p{  
    color:rgb(35, 35, 16)  
}
```

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(35, 35, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 35, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6365, -2.5115, 5.4425 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(35, 35, 16) }
```


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

```
.border{ border-color:rgb(35, 35, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 35, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 35, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 35, 16);  
box-shadow:4px 4px 4px 4px rgb(35, 35, 16)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6365, -2.5115, 5.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 35, 16) }
```

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

```
.background{ background-color: rgb(35, 35,  
16) }
```

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