

Converting Colors

HunterLab(15.9917, -3.1021,
3.6702)

Have a look what the booklet for
HunterLab(15.9917, -3.1021, 3.6702)
contains.

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Color

**HunterLab(16.0425, -3.0361,
3.6636)**

Conversions

Conversions Part 1	
Format	Color
Hex	2A2E24
RGB	42, 46, 36
RGB Percent	16%, 18%, 14%
CMY	0.8353, 0.8196, 0.8588
CMYK	0.09, 0.00, 0.22, 0.82
HSL	84°, 12%, 16%
HSV	84°, 22%, 18%
XYZ	2.2503, 2.5736, 2.0472
YIQ	43.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

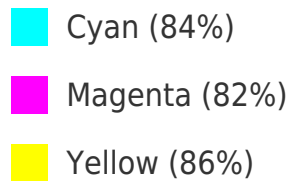
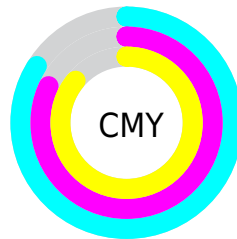
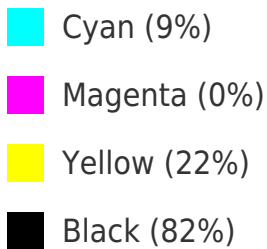
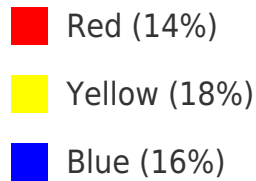
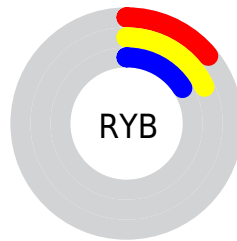
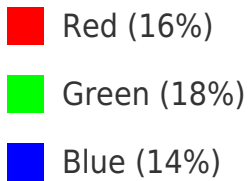
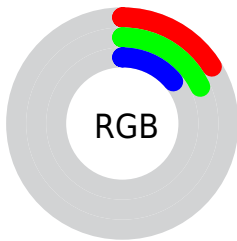
Format	Color
RYB	36, 46, 40
Decimal	2764324
CIELab	18.25, -4.05, 5.87
CIELCh	18, 7.130, 124.621
Yxy	2.5737, 0.3275, 0.3746
Android (android.graphics.Color)	4280954404 (0xFF2A2E24)
YUV	43.6640, -3.7784, -1.4593
Hunter-Lab	16.0425, -3.0361, 3.6636

Details

The HunterLab color **16.0425, -3.0361, 3.6636** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.8210, 1.6331, -2.5439**, and the grayscale version is **15.7723, -0.8416, 0.8569**.

A 20% lighter version of the original color is **32.0308, -4.7533, 5.6058**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.8414, -3.9358, 4.7365**, and if you desaturate by 10%, it is **16.2585, -2.0785, 2.4644**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0425, -3.0361, 3.6636 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 16.0425, -3.0361, 3.6636 by changing the saturation by 10% instead.

16.0425, -3.0361,
3.6636

16.0425, -3.0361,
3.6636

110.8540,
-10.1562, 11.7545

9.5576, -2.3623,
3.0668

31.9815, -4.4794,
5.3875

0.0000, NaN, NaN

0.0000, NaN, NaN

41.2203, -5.2257,
6.2520

0.0000, NaN, NaN

51.2091, -5.9925,
7.1278

0.0000, NaN, NaN

0.0000, NaN, NaN

61.8955, -6.7809,
8.0181

0.0000, NaN, NaN

73.2364, -7.5915,
8.9249


0.0000, NaN, NaN


85.1961, -8.4243,


0.0000, NaN, NaN


9.8496


 97.7441, -9.2792,
10.7926


 16.0425, -3.0361,
3.6636

 16.0425, -3.0361,
3.6636

 15.8414, -3.9358,
4.7365


 16.2585, -2.0785,
2.4644


 15.6540, -4.7743,
5.6808


 16.4881, -1.0641,
1.1409


 15.4808, -5.5503,
6.4960

 16.7317, 0.0040,
-0.3035

 15.3216, -6.2626,
7.1828

 16.9889, 1.1229,
-1.8648

 15.1762, -6.9107,
7.7430

 17.2597, 2.2898,
-3.5388

15.0438, -7.4978,
8.1880

17.5436, 3.5017,
-5.3207

14.9176, -8.0628,
8.6174

17.8405, 4.7556,
-7.2056

14.8167, -8.5209,
8.9808

18.1501, 6.0486,
-9.1884

18.4720, 7.3777,
-11.2640

Harmonies

Analogous

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



16.0428, -1.1734, 4.1805



16.0425, -3.0361, 3.6636



16.0428, -4.2667, 2.3993

Triad

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



16.0428, -3.0365, 3.6638



16.0428, -2.5123, -2.8993



16.0428, 3.2661, 1.1726

Complementary

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



16.0425, -3.0361, 3.6636



13.8210, 1.6331, -2.5439

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.



16.0428, 2.8639, -0.8192



16.0425, -3.0361, 3.6636



16.0428, -0.5379, -3.3340

Square

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



16.0428, -3.0365, 3.6638



16.0428, -3.9749, -1.4077



16.0428, 1.4457, -2.5308



16.0428, 2.5191, 2.8618

Rectangle

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



16.0425, -3.0361, 3.6636



16.0428, -4.5973, 1.2209



16.0428, 1.4457, -2.5308



16.0428, 3.2612, 0.5176

Sweetspot

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



16.0428, -3.0365, 3.6638



20.5758, -2.0656, 2.3916



14.9194, 0.2607, 2.5648



11.4635, -1.1353, 1.3124



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



16.0428, -3.0365, 3.6638



20.0354, -4.4668, 5.3894



15.7315, -4.1735, 3.3300



9.1357, -0.9591, 1.1163



27.3831, -16.6256, 16.5823



72.6793, -45.9558, 43.9801

Inverse Universe

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



13.8210, 1.6331, -2.5439



16.5370, 2.9010, -4.4239



14.2020, 2.8768, -1.9898



8.6670, 0.0234, -0.1864



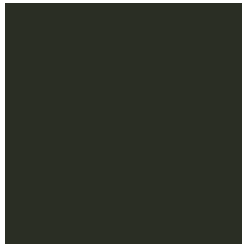
10.1739, 24.1384, -45.4815



26.1329, 63.3702, -127.4284

Previews

White Background



This preview shows how the HunterLab color 16.0425, -3.0361, 3.6636 looks on a white background.

Color Contrast Check

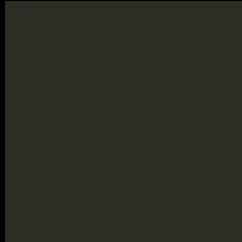
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 16.0425, -3.0361, 3.6636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

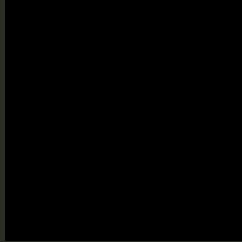
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

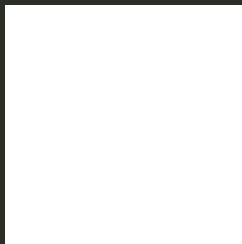
Any Text WCAG AAA × Fail

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

HunterLab 16.0425, -3.0361, 3.6636 Background



This preview shows how black text looks on a background with the HunterLab color 16.0425, -3.0361, 3.6636.



This preview shows how white text looks on a background with the HunterLab color 16.0425, -3.0361,

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

16.0425, -3.0361, 3.6636

Protanopia

15.8967, -1.1359, 3.8450

Deuteranopia

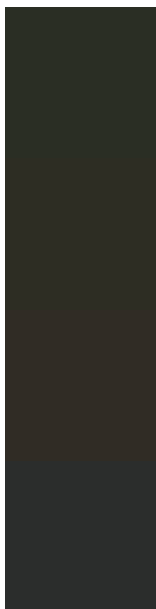
16.0978, 0.8139, 3.4872



Tritanopia

15.9695, -0.3056, -0.5469

Trichromacy



Original Color

16.0425, -3.0361, 3.6636

Protanomaly

15.9875, -2.0314, 3.9189

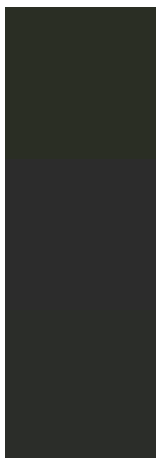
Deuteranomaly

16.0104, -0.6636, 3.3723

Tritanomaly

16.0381, -1.4748, 1.0478

Monochromacy



Original Color

16.0425, -3.0361, 3.6636

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.9702, -1.8505, 2.0201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0425, -3.0361, 3.6636 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(42, 46, 36)` looks like.

```
.text, #text, p{  
    color:rgb(42, 46, 36)  
}
```

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(42, 46, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 46, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0425, -3.0361, 3.6636 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(42, 46, 36) }
```


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

```
.border{ border-color:rgb(42, 46, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 46, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 46, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 46, 36);  
box-shadow:4px 4px 4px 4px rgb(42, 46, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0425, -3.0361, 3.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 46, 36) }
```

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

```
.background{ background-color: rgb(42, 46,  
36) }
```

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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