

Converting Colors

HunterLab(16.3328, 5.8684,
2.8795)

Have a look what the booklet for
HunterLab(16.3328, 5.8684, 2.8795)
contains.

HunterLab(16.3126, 6.0139, 2.8606)	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(16.3126, 6.0139,
2.8606)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2728
RGB	63, 39, 40
RGB Percent	25%, 15%, 16%
CMY	0.7529, 0.8471, 0.8431
CMYK	0.00, 0.38, 0.37, 0.75
HSL	358°, 24%, 20%
HSV	358°, 38%, 25%
XYZ	3.1584, 2.6610, 2.3546
YIQ	46.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

Format	Color
RYB	63, 39, 40
Decimal	4138792
CIELab	18.63, 11.47, 3.99
CIElCh	19, 12.147, 19.173
Yxy	2.6611, 0.3864, 0.3255
Android (android.graphics.Color)	4282328872 (0xFF3F2728)
YUV	46.2900, -3.1010, 14.6547
Hunter-Lab	16.3126, 6.0139, 2.8606

Details

The HunterLab color **16.3126, 6.0139, 2.8606** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.8188, -6.5625, -0.2663**, and the grayscale version is **16.6319, -0.8874, 0.9036**.

A 20% lighter version of the original color is **32.3130, 6.9359, 4.2631**, and **3.0555, 5.2327, 1.9744** is the 20% darker color. If you saturate the color by 10%, you get **14.9776, 8.0376, 3.3903**, and if you desaturate by 10%, it is **17.7601, 4.0341, 2.3722**.

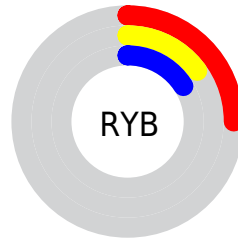
Distribution



Red (25%)

Green (15%)

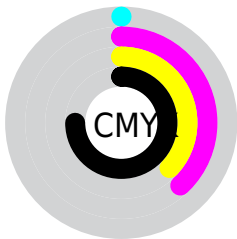
Blue (16%)



Red (25%)

Yellow (15%)

Blue (16%)

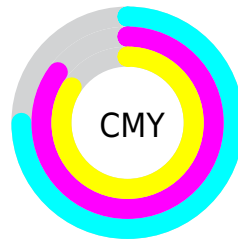


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3126, 6.0139, 2.8606 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 16.3126, 6.0139, 2.8606 by changing the saturation by 10% instead.

■ 16.3126, 6.0139,
2.8606

■ 16.3126, 6.0139,
2.8606

■ 111.3675, 6.4179,
9.9924

■ 9.7852, 5.4617,
2.2348

■ 32.3211, 6.6855,
4.2998

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.5898, 6.8603,
5.0454

0.0000, NaN, NaN

■ 51.6063, 6.9496,
5.8126

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.3185, 6.9643,
6.6025

0.0000, NaN, NaN


■ 73.6837, 6.9126,
7.4154


0.0000, NaN, NaN


■ 85.6665, 6.8010,

0.0000, NaN, NaN


8.2515


 98.2365, 6.6347,
9.1106

 16.3126, 6.0139,
2.8606


 16.3126, 6.0139,
2.8606


 14.9776, 8.0376,
3.3903


 17.7601, 4.0341,
2.3722


 13.7730, 10.0725,
3.9543


 19.3028, 2.1160,
1.9247


 12.7207, 12.0557,
4.5383

 20.9276, 0.2633,
1.5161

 11.8427, 13.8922,
5.1160

 22.6236, -1.5264,
1.1426

 11.1405, 15.5146,
5.6370

 24.3819, -3.2585,
0.8001

■ 10.4457, 17.3257,
6.1249

■ 26.1951, -4.9396,
0.4847

■ 10.3078, 17.7081,
6.2287

■ 28.0574, -6.5764,
0.1927

■ 29.9637, -8.1751,
-0.0790

■ 31.9101, -9.7416,
-0.3333

Harmonies

Analogous

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



16.3130, 6.3092, -0.3660



16.3126, 6.0139, 2.8606



16.3130, 3.7849, 5.0410

Triad

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



16.3130, 6.0132, 2.8609



16.3130, -5.6753, 4.5557



16.3130, -2.1211, -6.7699

Complementary

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



16.3126, 6.0139, 2.8606



20.8188, -6.5625, -0.2663

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.



16.3130, -5.0575, -4.7623



16.3126, 6.0139, 2.8606



16.3130, -6.9910, 2.0496

Square

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



16.3130, 6.0132, 2.8609



16.3130, -3.0315, 5.8667



16.3130, -6.7748, -1.3670



16.3130, 1.4075, -6.4236

Rectangle

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



16.3126, 6.0139, 2.8606



16.3130, 1.6010, 5.8252



16.3130, -6.7748, -1.3670



16.3130, -3.2046, -6.3337

Sweetspot

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



16.3130, 6.0132, 2.8609



26.4060, 1.1448, 2.1393



16.8159, 8.7531, -6.0656



13.5071, 0.6303, 1.1068



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



16.3130, 6.0132, 2.8609



19.4330, 10.3932, 4.3879



18.6212, 1.4260, 5.3872



10.8455, 0.1644, 0.7934



15.5140, 26.6236, 9.5950



39.4032, 67.5306, 25.0635

Inverse Universe

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



16.3130, 6.0132, 2.8609



19.4330, 10.3932, 4.3879



18.0671, -2.2649, -4.3392



10.8455, 0.1644, 0.7934



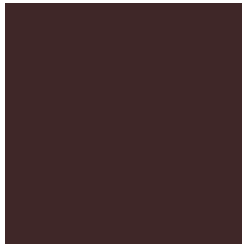
15.5140, 26.6236, 9.5950



39.4032, 67.5306, 25.0635

Previews

White Background



This preview shows how the HunterLab color 16.3126, 6.0139, 2.8606 looks on a white background.

Color Contrast Check

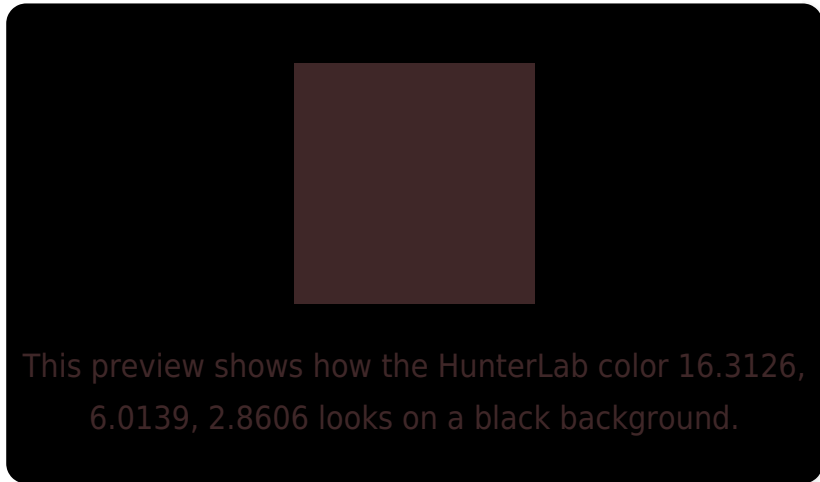
Large Text (above 18pt) WCAG AA ✓ Pass

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

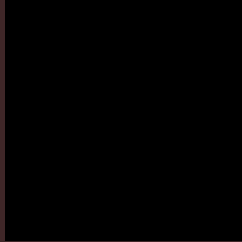
Any Text WCAG AA × Fail

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 16.3126, 6.0139, 2.8606 Background



This preview shows how black text looks on a background with the HunterLab color 16.3126, 6.0139, 2.8606.

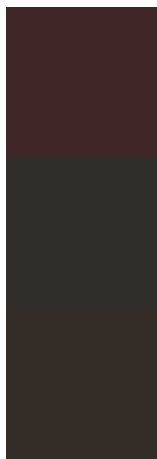


This preview shows how white text looks on a background with the HunterLab color 16.3126, 6.0139,

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

16.3126, 6.0139, 2.8606

Protanopia

16.5310, -1.0132, 1.9714

Deuteranopia

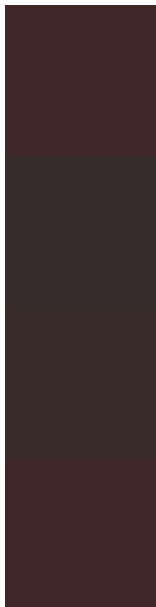
16.3643, 0.6290, 3.1402



Tritanopia

16.3553, 6.2299, 2.2464

Trichromacy



Original Color

16.3126, 6.0139, 2.8606

Protanomaly

16.2844, 1.6462, 2.0878

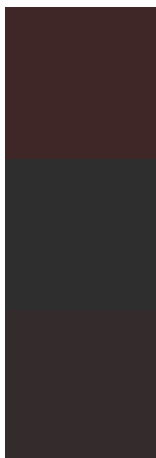
Deuteranomaly

16.2578, 2.5661, 3.0629

Tritanomaly

16.3337, 6.1207, 2.5570

Monochromacy



Original Color

16.3126, 6.0139, 2.8606

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.2471, 1.6124, 1.3438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3126, 6.0139, 2.8606 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(63, 39, 40)` looks like.

```
.text, #text, p{  
    color:rgb(63, 39, 40)  
}
```

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(63, 39, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 39, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3126, 6.0139, 2.8606 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(63, 39, 40) }
```


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

```
.border{ border-color:rgb(63, 39, 40) }
```

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

Here you see how a box with a 4 pixel rgb(63, 39, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 39, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 39, 40);  
box-shadow:4px 4px 4px 4px rgb(63, 39, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3126, 6.0139, 2.8606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 39, 40) }
```

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

```
.background{ background-color: rgb(63, 39,  
40) }
```

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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