

Converting Colors

HunterLab(40.9528, 29.6197,
16.7506)

Have a look what the booklet for
HunterLab(40.9528, 29.6197,
16.7506) contains.

HunterLab(41.0365, 29.7659, 16.7004)	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(41.0365, 29.7659,
16.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	B45649
RGB	180, 86, 73
RGB Percent	71%, 34%, 29%
CMY	0.2941, 0.6627, 0.7137
CMYK	0.00, 0.52, 0.59, 0.29
HSL	7°, 42%, 50%
HSV	7°, 59%, 71%
XYZ	23.3528, 16.8399, 8.3230
YIQ	112.6240, 60.1970, 15.8850

Conversions

Conversions Part 2

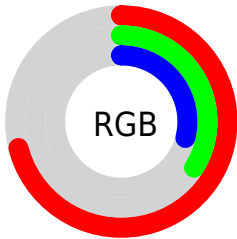
Format	Color
R_{YB}	180, 88, 73
Decimal	11818569
CIE _{Lab}	48.06, 37.05, 25.57
CIE _{LCh}	48, 45.014, 34.608
Yxy	16.8408, 0.4813, 0.3471
Android (android.graphics.Color)	4290008649 (0xFFB45649)
YUV	112.6240, -19.5346, 59.0888
Hunter-Lab	41.0365, 29.7659, 16.7004

Details

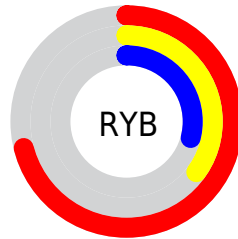
The HunterLab color **41.0365, 29.7659, 16.7004** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **56.8747, -21.6849, -10.3472**, and the grayscale version is **40.5495, -2.1636, 2.2031**.

A 20% lighter version of the original color is **61.7312, 32.3172, 20.9200**, and **23.4266, 26.6552, 11.9601** is the 20% darker color. If you saturate the color by 10%, you get **37.9259, 35.8289, 18.3463**, and if you desaturate by 10%, it is **44.6382, 23.6301, 14.7729**.

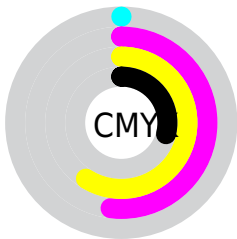
Distribution



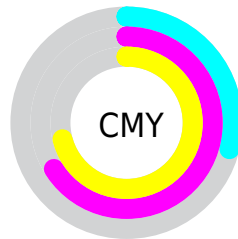
- Red (71%)
- Green (34%)
- Blue (29%)



- Red (71%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0365, 29.7659, 16.7004 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 41.0365, 29.7659, 16.7004 by changing the saturation by 10% instead.

■ 41.0365, 29.7659,
16.7004

■ 41.0365, 29.7659,
16.7004

153.0534, 37.7580,
34.2035

■ 31.8136, 28.3572,
14.4202

■ 61.6862, 32.2045,
20.9331

■ 23.4079, 26.8220,
11.9727

■ 73.0151, 33.2586,
22.9374

■ 15.9096, 25.1771,
9.6854

■ 84.9634, 34.2140,
24.8900

■ 9.4455, 23.5380,
6.6119

■ 97.5004, 35.0786,
26.8027

0.0000, INF, NaN

0.0000, NaN, NaN

■ 110.5999, 35.8595,
28.6842

0.0000, NaN, NaN

124.2385, 36.5629,

0.0000, NaN, NaN

30.5414

0.0000, NaN, NaN

138.3958, 37.1942,
32.3797

■ 41.0365, 29.7659,
16.7004

■ 41.0365, 29.7659,
16.7004

■ 37.9259, 35.8289,
18.3463

■ 44.6382, 23.6301,
14.7729

■ 35.3706, 41.5218,
19.5881

■ 48.6594, 17.6248,
12.6631

■ 33.4263, 46.4440,
20.3173

■ 53.0397, 11.8493,
10.4451

■ 32.1071, 50.1630,
20.6093

■ 57.7263, 6.3427,
8.1676

■ 32.0506, 50.3238,
20.6304

■ 62.6754, 1.1068,
5.8606

■ 67.8514, -3.8757,
3.5414

■ 73.2253, -8.6306,
1.2195

■ 78.7733, -13.1861,
-1.1009

■ 84.4762, -17.5693,
-3.4181

Harmonies

Analogous

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



41.0376, 37.5634, 4.7517



41.0365, 29.7659, 16.7004



41.0376, 13.4543, 22.0446

Triad

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



41.0376, 29.7630, 16.7011



41.0376, -28.6455, 13.8378



41.0376, 0.5796, -44.9462

Complementary

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



41.0365, 29.7659, 16.7004



56.8747, -21.6849, -10.3472

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.



41.0376, -15.7965, -39.1254



41.0365, 29.7659, 16.7004



41.0376, -30.9164, -0.4545

Square

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



41.0376, 29.7630, 16.7011



41.0376, -19.7961, 20.9511



41.0376, -26.6257, -20.7506



41.0376, 18.9937, -34.3699

Rectangle

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



41.0365, 29.7659, 16.7004



41.0376, 1.0573, 23.1671



41.0376, -26.6257, -20.7506



41.0376, -5.3430, -44.8698

Sweetspot

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



41.0376, 29.7630, 16.7011



78.4719, 7.7220, 10.6467



41.5664, 48.4786, -26.0439



35.6155, 4.5574, 5.3626



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



41.0376, 29.7630, 16.7011



50.0372, 50.4415, 25.2292



53.5208, 3.9090, 26.0647



29.4384, 0.4886, 2.7359



26.8784, 41.7065, 17.2925



5.2950, 5.8022, 3.3643

Inverse Universe

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



56.8747, -21.6849, -10.3472



74.4838, -30.9869, -16.9693



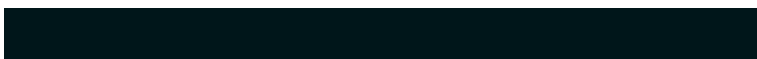
40.9271, 2.5441, -37.2898



30.7437, -3.5628, 0.5485



44.1158, -19.2177, -13.6555



8.1340, -3.7988, -1.9662

Previews

White Background



This preview shows how the HunterLab color 41.0365, 29.7659, 16.7004 looks on a white background.

Color Contrast Check

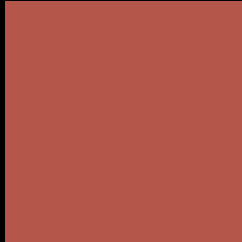
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 41.0365, 29.7659, 16.7004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0365, 29.7659, 16.7004 Background



This preview shows how black text looks on a background with the HunterLab color 41.0365, 29.7659, 16.7004.



This preview shows how white text looks on a background with the HunterLab color 41.0365, 29.7659, 16.7004.

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

41.0365, 29.7659, 16.7004

Protanopia

41.3863, -3.6818, 13.1254

Deuteranopia

41.0560, 2.8907, 17.2183



Tritanopia

41.0922, 32.4705, 12.2526

Trichromacy



Original Color

41.0365, 29.7659, 16.7004

Protanomaly

40.5265, 8.0830, 13.7250

Deuteranomaly

40.7671, 12.2244, 16.9075

Tritanomaly

41.1647, 31.4502, 14.1291

Monochromacy



Original Color

41.0365, 29.7659, 16.7004

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

39.8757, 7.9790, 7.5297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0365, 29.7659, 16.7004 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(180, 86, 73)` looks like.

```
.text, #text, p{  
    color:rgb(180, 86, 73)  
}
```

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(180, 86, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 86, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0365, 29.7659, 16.7004 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(180, 86, 73) }
```


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

```
.border{ border-color:rgb(180, 86, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 86, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 86, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 86, 73);  
box-shadow:4px 4px 4px 4px rgb(180, 86,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0365, 29.7659, 16.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 86, 73) }
```

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

```
.background{ background-color: rgb(180, 86,  
73) }
```

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