

Converting Colors

HunterLab(40.2793, 15.8483,
-84.5576)

Have a look what the booklet for
HunterLab(40.2793, 15.8483,
-84.5576) contains.

HunterLab(40.2847, 16.0856, -85.0765)	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(40.2847, 16.0856,
-85.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	006BE6
RGB	0, 107, 230
RGB Percent	0%, 42%, 90%
CMY	0.9998, 0.5804, 0.0980
CMYK	1.00, 0.53, 0.00, 0.10
HSL	212°, 100%, 45%
HSV	212°, 100%, 90%
XYZ	19.5406, 16.2286, 76.9654
YIQ	89.0290, -103.2550, 15.5690

Conversions

Conversions Part 2

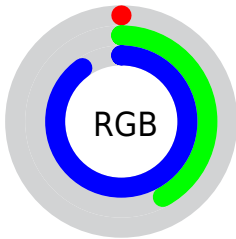
Format	Color
R _{YB}	0, 73, 230
Decimal	27622
CIE Lab	47.27, 22.37, -69.07
CIE LCh	47, 72.601, 287.950
Yxy	16.2290, 0.1733, 0.1440
Android (android.graphics.Color)	4278217702 (0xFF006BE6)
YUV	89.0290, 69.4987, -78.0784
Hunter-Lab	40.2847, 16.0856, -85.0765

Details

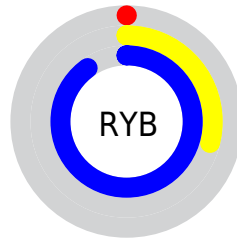
The HunterLab color **40.2847, 16.0856, -85.0765** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **55.6817, 29.9021, 34.8324**, and the grayscale version is **31.4038, -1.6756, 1.7062**.

A 20% lighter version of the original color is **58.9389, 6.5537, -58.7388**, and **25.2084, 21.1123, -77.0837** is the 20% darker color. If you saturate the color by 10%, you get **40.2762, 16.1037, -85.1051**, and if you desaturate by 10%, it is **43.7745, 10.1308, -74.2472**.

Distribution



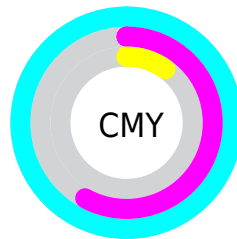
- Red (0%)
- Green (42%)
- Blue (90%)



- Red (0%)
- Yellow (29%)
- Blue (90%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (58%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2847, 16.0856, -85.0765 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 40.2847, 16.0856, -85.0765 by changing the saturation by 10% instead.

40.2847, 16.0856,
-85.0765

40.2847, 16.0856,
-85.0765

151.8845, 18.9651,
-90.4556

31.1229, 15.3254,
-86.2550

60.8237, 17.2768,
-84.9875

22.7848, 14.4295,
-89.0936

72.1025, 17.7300,
-85.4931

15.3624, 13.3797,
-95.4156

84.0033, 18.1019,
-86.1772

8.9734, 12.2315,
-110.8015

96.4951, 18.4000,
-86.9667

0.0000, INF, -NF

0.0000, NaN, -NF

109.5513, 18.6305,
-87.8152

0.0000, NaN, -NF

123.1483, 18.7987,

0.0000, NaN, -NF

-88.6922

0.0000, NaN, NaN

137.2656, 18.9089,
-89.5770

■ 40.2847, 16.0856,
-85.0765

■ 40.2847, 16.0856,
-85.0765

■ 40.2762, 16.1037,
-85.1051

■ 43.7745, 10.1308,
-74.2472

■ 47.6356, 5.1109,
-63.7370

■ 51.8651, 1.1315,
-53.6018

■ 56.4272, -1.8628,
-43.9240

■ 61.2851, -3.9689,
-34.7322

■ 66.4050, -5.2953,
-26.0163

■ 71.7573, -5.9475,
-17.7440

■ 77.3163, -6.0202,
-9.8723

■ 83.0604, -5.5957,
-2.3553

Harmonies

Analogous

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



40.2852, -12.9254, -88.8043



40.2847, 16.0856, -85.0765



40.2852, 46.9184, -50.3891

Triad

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



40.2852, 16.0873, -85.0755



40.2852, 41.3124, 24.8338



40.2852, -42.8407, 11.5965

Complementary

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



40.2847, 16.0856, -85.0765



55.6817, 29.9021, 34.8324

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.



40.2852, -35.1985, 23.7715



40.2847, 16.0856, -85.0765



40.2852, 9.8886, 27.1188

Square

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



40.2852, 16.0873, -85.0755



40.2852, 64.0341, 15.1370



40.2852, -17.6307, 26.9198



40.2852, -42.0376, -17.3150

Rectangle

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



40.2847, 16.0856, -85.0765



40.2852, 61.9470, -22.5759



40.2852, -17.6307, 26.9198



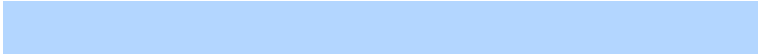
40.2852, -41.2862, 17.2212

Sweetspot

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



40.2852, 16.0873, -85.0755



80.5462, -6.6781, -20.1254



76.1688, -58.6464, 31.3994



36.0711, -2.9827, -11.1101

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2852, 16.0873, -85.0755



45.0746, 18.5325, -96.3456



24.0091, 64.8974, -168.9429



38.7124, -2.5826, -0.9166



30.6975, 11.2925, -62.7466



9.3848, 1.0447, -13.9855

Inverse Universe

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



42.2918, 74.9279, 7.8711



47.5207, 84.1629, 9.1395



84.9569, -25.7108, 51.8987



38.0513, 2.1551, 1.1117



31.8575, 56.5181, 5.3835



8.7669, 15.7526, -0.0631

Previews

White Background



This preview shows how the HunterLab color 40.2847, 16.0856, -85.0765 looks on a white background.

Color Contrast Check

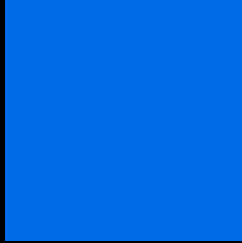
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2847, 16.0856, -85.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

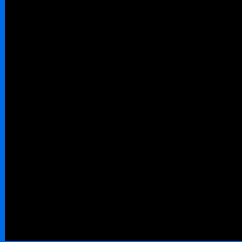
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

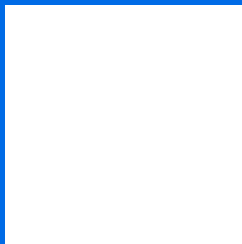
Any Text WCAG AAA × Fail

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

HunterLab 40.2847, 16.0856, -85.0765 Background



This preview shows how black text looks on a background with the HunterLab color 40.2847, 16.0856, -85.0765.



This preview shows how white text looks on a background with the HunterLab color 40.2847, 16.0856, -85.0765.

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

40.2847, 16.0856, -85.0765

Protanopia

40.2151, 15.7355, -84.2338

Deuteranopia

40.0822, 1.5343, -53.4114



Tritanopia

40.1014, -19.5560, -7.9074

Trichromacy



Original Color

40.2847, 16.0856, -85.0765

Protanomaly

40.2151, 15.7355, -84.2338

Deuteranomaly

39.9654, 6.8510, -64.7427

Tritanomaly

39.7291, -8.6633, -30.9563

Monochromacy



Original Color

40.2847, 16.0856, -85.0765

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.3602, -1.6426, -23.5680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2847, 16.0856, -85.0765 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(0, 107, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 230)  
}
```

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(0, 107, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2847, 16.0856, -85.0765 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(0, 107, 230) }
```


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

```
.border{ border-color:rgb(0, 107, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2847, 16.0856, -85.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 230) }
```

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

```
.background{ background-color: rgb(0, 107,  
230) }
```

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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