

Converting Colors

HunterLab(41.6745, 15.6525,
-85.8688)

Have a look what the booklet for
HunterLab(41.6745, 15.6525,
-85.8688) contains.

HunterLab(41.6738, 15.6482, -85.8685)	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(41.6738, 15.6482,
-85.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	006FEB
RGB	0, 111, 235
RGB Percent	0%, 44%, 92%
CMY	0.9997, 0.5647, 0.0784
CMYK	1.00, 0.53, 0.00, 0.08
HSL	212°, 100%, 46%
HSV	212°, 100%, 92%
XYZ	20.6799, 17.3671, 80.8595
YIQ	91.9470, -105.9600, 15.0320

Conversions

Conversions Part 2

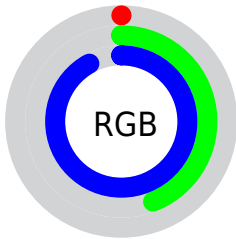
Format	Color
RYB	0, 75, 235
Decimal	28651
CIELab	48.72, 21.77, -69.53
CIElCh	49, 72.857, 287.383
Yxy	17.3675, 0.1739, 0.1461
Android (android.graphics.Color)	4278218731 (0xFF006FEB)
YUV	91.9470, 70.5251, -80.6375
Hunter-Lab	41.6738, 15.6482, -85.8685

Details

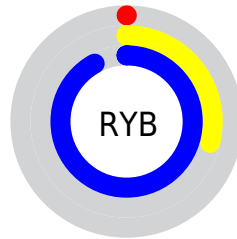
The HunterLab color **41.6738, 15.6482, -85.8685** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **56.6516, 31.5480, 35.4588**, and the grayscale version is **32.4773, -1.7329, 1.7646**.

A 20% lighter version of the original color is **60.2070, 4.7929, -55.9837**, and **26.4480, 20.7089, -77.7621** is the 20% darker color. If you saturate the color by 10%, you get **41.6649, 15.6671, -85.8982**, and if you desaturate by 10%, it is **45.2253, 9.6413, -75.0045**.

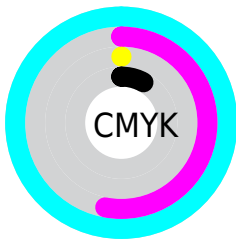
Distribution



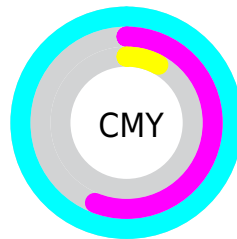
- Red (0%)
- Green (44%)
- Blue (92%)



- Red (0%)
- Yellow (29%)
- Blue (92%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (56%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6738, 15.6482, -85.8685 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 41.6738, 15.6482, -85.8685 by changing the saturation by 10% instead.

■ 41.6738, 15.6482,
-85.8685

■ 41.6738, 15.6482,
-85.8685

154.0394, 18.2071,
-91.4011

■ 32.3988, 14.9358,
-86.9307

■ 62.4152, 16.7537,
-85.8764

■ 23.9366, 14.0914,
-89.5309

■ 73.7860, 17.1681,
-86.4028

■ 16.3749, 13.0965,
-95.2917

■ 85.7741, 17.5033,
-87.0997

■ 9.8374, 11.9352,
-108.8221

■ 98.3491, 17.7666,
-87.8975

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.4849, 17.9640,
-88.7515

0.0000, NaN, -NF

125.1584, 18.1004,

0.0000, NaN, -NF

-89.6323

0.0000, NaN, NaN

139.3493, 18.1803,
-90.5201

■ 41.6738, 15.6482,
-85.8685

■ 41.6738, 15.6482,
-85.8685

■ 41.6649, 15.6671,
-85.8982

■ 45.2253, 9.6413,
-75.0045

■ 49.1508, 4.5882,
-64.4446

■ 53.4483, 0.5945,
-54.2431

■ 58.0829, -2.3942,
-44.4826

■ 63.0184, -4.4749,
-35.1944

■ 68.2209, -5.7567,
-26.3718

■ 73.6606, -6.3461,
-17.9857

■ 79.3118, -6.3394,
-9.9957

■ 85.1523, -5.8203,
-2.3576

Harmonies

Analogous

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



41.6743, -13.6488, -88.8820



41.6738, 15.6482, -85.8685



41.6743, 46.8782, -51.5112

Triad

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



41.6743, 15.6499, -85.8674



41.6743, 42.3067, 25.3998



41.6743, -43.6782, 12.2154

Complementary

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



41.6738, 15.6482, -85.8685



56.6516, 31.5480, 35.4588

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.



41.6743, -35.6596, 24.4999



41.6738, 15.6482, -85.8685



41.6743, 10.5776, 27.8887

Square

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



41.6743, 15.6499, -85.8674



41.6743, 64.9125, 15.1412



41.6743, -17.5188, 27.7316



41.6743, -43.0110, -16.7468

Rectangle

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



41.6738, 15.6482, -85.8685



41.6743, 62.2304, -23.5114



41.6743, -17.5188, 27.7316



41.6743, -42.0253, 17.8714

Sweetspot

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



41.6743, 15.6499, -85.8674



80.7176, -6.9575, -19.8769



77.9801, -60.4961, 33.1285



36.1613, -3.1297, -10.9742

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.6743, 15.6499, -85.8674



45.5540, 17.5195, -94.7582



24.5464, 66.4572, -173.5578



39.6509, -2.6827, -0.9181



31.4846, 10.8540, -62.7836



9.8473, 1.0593, -14.5949

Inverse Universe

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



43.3721, 76.9138, 7.5138



47.5668, 84.3314, 8.4754



87.4187, -24.9734, 53.4285



38.9519, 2.2298, 1.1019



32.3937, 57.5240, 5.0500



9.1832, 16.5042, -0.0954

Previews

White Background



This preview shows how the HunterLab color 41.6738, 15.6482, -85.8685 looks on a white background.

Color Contrast Check

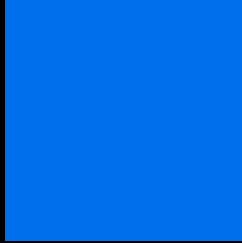
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6738, 15.6482, -85.8685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

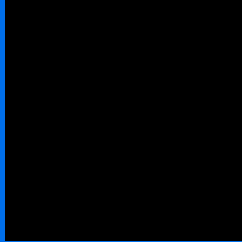
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

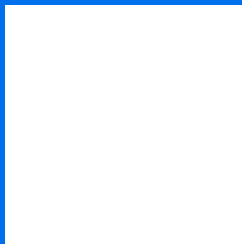
Any Text WCAG AAA × Fail

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

HunterLab 41.6738, 15.6482, -85.8685 Background



This preview shows how black text looks on a background with the HunterLab color 41.6738, 15.6482, -85.8685.



This preview shows how white text looks on a background with the HunterLab color 41.6738, 15.6482, -85.8685.

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

41.6738, 15.6482, -85.8685

Protanopia

41.8165, 16.0828, -85.3913

Deuteranopia

41.6131, 1.7182, -55.7218



Tritanopia

41.4921, -20.2851, -8.0717

Trichromacy



Original Color

41.6738, 15.6482, -85.8685

Protanomaly

41.7591, 15.9080, -85.5831

Deuteranomaly

41.4340, 6.7435, -66.3463

Tritanomaly

41.1067, -9.3811, -31.1287

Monochromacy



Original Color

41.6738, 15.6482, -85.8685

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.4487, -1.7353, -24.2158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6738, 15.6482, -85.8685 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, 111, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 235)  
}
```

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, 111, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6738, 15.6482, -85.8685 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, 111, 235) }
```


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

```
.border{ border-color:rgb(0, 111, 235) }
```

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

Here you see how a box with a 4 pixel rgb(0, 111, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6738, 15.6482, -85.8685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 235) }
```

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

```
.background{ background-color: rgb(0, 111,  
235) }
```

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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