

Converting Colors

HunterLab(66.0003, -13.5573,
-56.1096)

Have a look what the booklet for
HunterLab(66.0003, -13.5573,
-56.1096) contains.

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Color

**HunterLab(65.3916,
-16.6563, -45.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	00BBFF
RGB	0, 187, 255
RGB Percent	0%, 73%, 100%
CMY	0.9997, 0.2667, 0.0000
CMYK	1.00, 0.27, 0.00, 0.00
HSL	196°, 100%, 50%
HSV	196°, 100%, 100%
XYZ	35.8203, 42.7606, 100.9734
YIQ	138.8390, -133.2800, -18.4960

Conversions

Conversions Part 2

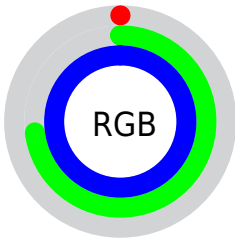
Format	Color
RYB	0, 108, 255
Decimal	48127
CIELab	71.39, -15.53, -44.36
CIELCh	71, 46.997, 250.705
Yxy	42.7620, 0.1995, 0.2382
Android (android.graphics.Color)	4278238207 (0xFF00BBFF)
YUV	138.8390, 57.2674, -121.7618
Hunter-Lab	65.3916, -16.6563, -45.7776

Details

The HunterLab color **65.3916, -16.6563, -45.7776** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **50.4019, 65.1879, 32.1960**, and the grayscale version is **50.5744, -2.6985, 2.7478**.

A 20% lighter version of the original color is **86.5054, -33.9520, -12.1334**, and **45.9646, -7.7475, -40.7271** is the 20% darker color. If you saturate the color by 10%, you get **65.3856, -16.6475, -45.7891**, and if you desaturate by 10%, it is **67.7720, -19.2701, -41.3438**.

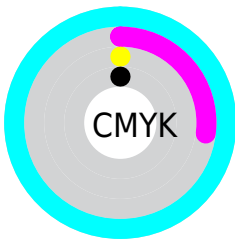
Distribution



- Red (0%)
- Green (73%)
- Blue (100%)



- Red (0%)
- Yellow (42%)
- Blue (100%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.3916, -16.6563, -45.7776 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 65.3916, -16.6563, -45.7776 by changing the saturation by 10% instead.

65.3916, -16.6563,
-45.7776

65.3916, -16.6563,
-45.7776

189.1116,
-29.2550, -50.8995

54.4962, -15.2311,
-45.0738

89.0795, -19.4635,
-47.1718

44.2829, -13.7817,
-44.4181

101.8068,
-20.8572, -47.8305

34.8019, -12.2947,
-43.8861

115.0885,
-22.2491, -48.4512

26.1148, -10.7505,
-43.6347

128.9022,
-23.6417, -49.0300

18.3021, -9.1158,
-44.0181

143.2283,
-25.0371, -49.5647

11.4756, -7.3317,
-45.9895

158.0490,

3.9272, -6.8726,

-26.4370, -50.0545

-81.6881

173.3482,
-27.8426, -50.4993

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.3916, -16.6563,
-45.7776

■ 65.3916, -16.6563,
-45.7776

■ 65.3856, -16.6475,
-45.7891

■ 67.7720, -19.2701,
-41.3438

■ 70.3672, -21.1322,
-36.7246

■ 73.2145, -22.0992,
-31.8870

■ 76.3207, -22.1451,
-26.8556

■ 79.6839, -21.2861,

-21.6660

■ 83.2970, -19.5649,
-16.3562

■ 87.1492, -17.0403,
-10.9617

■ 91.2282, -13.7791,
-5.5132

■ 95.5209, -9.8502,
-0.0361

Harmonies

Analogous

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



65.3926, -32.0883, -27.7975



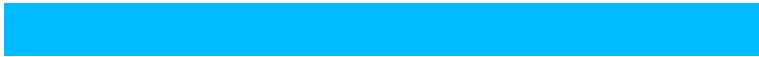
65.3916, -16.6563, -45.7776



65.3926, 4.4009, -48.3652

Triad

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



65.3926, -16.6559, -45.7756



65.3926, 42.5158, 10.4802



65.3926, -28.4301, 26.9822

Complementary

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



65.3916, -16.6563, -45.7776



50.4019, 65.1879, 32.1960

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.



65.3926, -11.0287, 31.6931



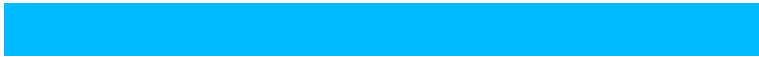
65.3916, -16.6563, -45.7776



65.3926, 31.0574, 24.4361

Square

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



65.3926, -16.6559, -45.7756



65.3926, 40.4959, -10.8844



65.3926, 10.8018, 30.9437



65.3926, -38.2512, 15.3130

Rectangle

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



65.3916, -16.6563, -45.7776



65.3926, 19.0902, -40.3266



65.3926, 10.8018, 30.9437



65.3926, -23.3740, 29.2290

Sweetspot

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



65.3926, -16.6559, -45.7756



87.1372, -17.0491, -10.9781



84.8166, -70.9691, 47.1919



39.5492, -8.4231, -6.1350

0.0000, NaN, NaN



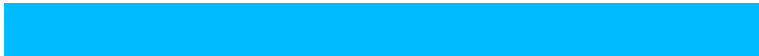
46.2646, -2.4686, 2.5136

Same Dimension

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



65.3926, -16.6559, -45.7756



65.3856, -16.6475, -45.7891



32.2587, 52.2445, -153.0927



44.2871, -4.4656, 0.1014



47.5372, -12.4312, -32.5819



15.4274, -4.7289, -9.0746

Inverse Universe

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



49.8494, 92.5573, -23.5813



49.8468, 92.5602, -23.5720



77.7965, 3.5234, 47.9978



42.6764, 3.0032, -0.1882



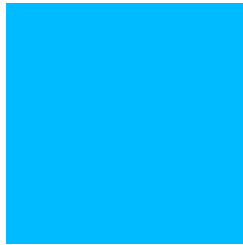
36.0683, 67.0369, -17.5363



11.3350, 21.2040, -6.5709

Previews

White Background



This preview shows how the HunterLab color 65.3916, -16.6563, -45.7776 looks on a white background.

Color Contrast Check

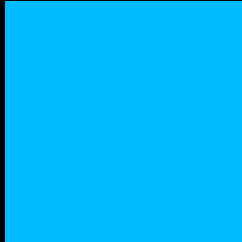
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 65.3916, -16.6563, -45.7776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

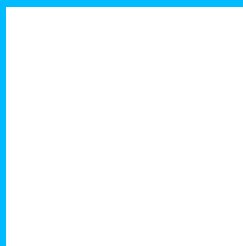
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.3916, -16.6563, -45.7776 Background



This preview shows how black text looks on a background with the HunterLab color 65.3916, -16.6563, -45.7776.



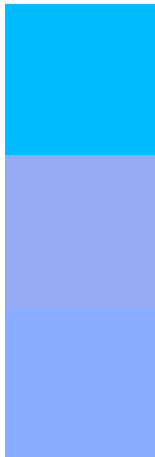
This preview shows how white text looks on a background with the HunterLab color 65.3916, -16.6563, -45.7776.

-16.6563, -45.7776.

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

65.3916, -16.6563, -45.7776

Protanopia

64.9708, 5.9192, -36.5211

Deuteranopia

65.2000, 4.9222, -45.7700



Tritanopia

65.3406, -31.1477, -14.4313

Trichromacy



Original Color

65.3916, -16.6563, -45.7776

Protanomaly

63.7974, -6.8902, -42.5876

Deuteranomaly

64.1370, -6.4958, -48.0509

Tritanomaly

65.3436, -26.3316, -24.8314

Monochromacy



Original Color

65.3916, -16.6563, -45.7776

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

54.0258, -14.4122, -14.9376

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.3916, -16.6563, -45.7776 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, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 255)  
}
```

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, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 65.3916, -16.6563, -45.7776 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, 187, 255) }
```


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

```
.border{ border-color:rgb(0, 187, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 187, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.3916, -16.6563, -45.7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 255) }
```

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

```
.background{ background-color: rgb(0, 187,  
255) }
```

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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