

Converting Colors

HunterLab(11.6419, 18.0927,
-110.6300)

Have a look what the booklet for
HunterLab(11.6419, 18.0927,
-110.6300) contains.

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Color

**HunterLab(16.0045, 25.9271,
-75.9734)**

Conversions

Conversions Part 1

Format	Color
Hex	001B88
RGB	0, 27, 136
RGB Percent	0%, 11%, 53%
CMY	0.9999, 0.8941, 0.4667
CMYK	1.00, 0.80, 0.00, 0.47
HSL	228°, 100%, 27%
HSV	228°, 100%, 53%
XYZ	4.8359, 2.5614, 23.5321
YIQ	31.3530, -51.0810, 28.1750

Conversions

Conversions Part 2

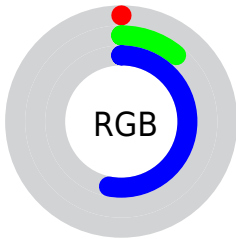
Format	Color
RYB	0, 23, 136
Decimal	7048
CIELab	18.19, 37.89, -61.07
CIELCh	18, 71.866, 301.817
Yxy	2.5615, 0.1564, 0.0828
Android (android.graphics.Color)	4278197128 (0xFF001B88)
YUV	31.3530, 51.5910, -27.4966
Hunter-Lab	16.0045, 25.9271, -75.9734

Details

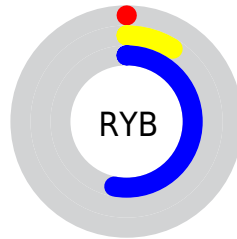
The HunterLab color **16.0045, 25.9271, -75.9734** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **40.2196, -1.0410, 24.7641**, and the grayscale version is **11.6726, -0.6228, 0.6342**.

A 20% lighter version of the original color is **31.9927, 29.3141, -71.1195**, and **8.0986, 21.9675, -57.5441** is the 20% darker color. If you saturate the color by 10%, you get **16.0020, 25.9355, -75.9885**, and if you desaturate by 10%, it is **18.0215, 21.0484, -65.1588**.

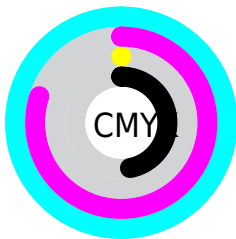
Distribution



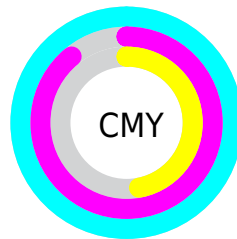
- Red (0%)
- Green (11%)
- Blue (53%)



- Red (0%)
- Yellow (9%)
- Blue (53%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0045, 25.9271, -75.9734 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 16.0045, 25.9271, -75.9734 by changing the saturation by 10% instead.

■ 16.0045, 25.9271,
-75.9734

■ 16.0045, 25.9271,
-75.9734

■ 110.7811, 36.8810,
-74.2662

■ 9.5254, 24.2792,
-85.3164

■ 31.9333, 29.1629,
-70.8520

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.1678, 30.6000,
-70.4852

0.0000, NaN, -NF

■ 51.1527, 31.9112,
-70.6779

0.0000, NaN, -NF

■ 61.8354, 33.1048,
-71.1791

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.1729, 34.1901,
-71.8528

0.0000, NaN, NaN

■ 85.1293, 35.1761,

0.0000, NaN, NaN

-72.6208

97.6742, 36.0707,
-73.4352

16.0045, 25.9271,
-75.9734

16.0045, 25.9271,
-75.9734

16.0020, 25.9355,
-75.9885

18.0215, 21.0484,
-65.1588

20.4783, 16.3904,
-54.5326

23.3366, 12.3328,
-44.5826

26.5139, 8.9138,
-35.5930

29.9460, 6.0656,
-27.5583

■ 33.5851, 3.6925,
-20.3604

■ 37.3959, 1.7035,
-13.8568

■ 41.3519, 0.0221,
-7.9156

■ 45.4333, -1.4129,
-2.4257

Harmonies

Analogous

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



16.0046, 0.4238, -101.5902



16.0045, 25.9271, -75.9734



16.0046, 51.3571, -29.2191

Triad

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



16.0046, 25.9290, -75.9733



16.0046, 22.5559, 11.2032



16.0046, -26.2126, -0.3734

Complementary

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



16.0045, 25.9271, -75.9734



40.2196, -1.0410, 24.7641

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.



16.0046, -23.9026, 11.2032



16.0045, 25.9271, -75.9734



16.0046, -2.0945, 11.2032

Square

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



16.0046, 25.9290, -75.9733



16.0046, 48.8110, 11.2032



16.0046, -16.8731, 11.2032



16.0046, -23.2824, -34.5917

Rectangle

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



16.0045, 25.9271, -75.9734



16.0046, 60.4863, -5.4942



16.0046, -16.8731, 11.2032



16.0046, -26.0232, 5.3702

Sweetspot

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



16.0046, 25.9290, -75.9733



49.3010, 2.4232, -18.9437



43.2532, -28.0106, 6.4056



22.8230, 1.6121, -10.6040



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



16.0046, 25.9290, -75.9733



20.8070, 35.9064, -103.5185



14.9852, 37.5175, -82.2681



22.4557, -0.7464, -0.9771



15.6042, 25.1104, -73.7101



1.8205, 0.6306, -3.6368

Inverse Universe

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



23.0517, 39.8154, 12.2347



30.5697, 52.7468, 16.6901



44.7799, -24.3721, 27.1658



22.5028, 0.8436, 1.3623



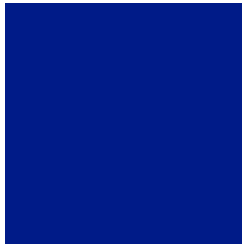
22.4277, 38.7468, 11.8667



1.8742, 3.3280, 0.2940

Previews

White Background



This preview shows how the HunterLab color 16.0045, 25.9271, -75.9734 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



This preview shows how the HunterLab color 16.0045, 25.9271, -75.9734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

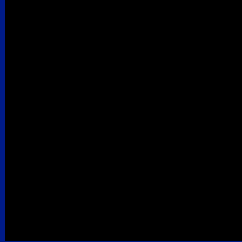
Any Text WCAG AA × Fail

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 16.0045, 25.9271, -75.9734 Background



This preview shows how black text looks on a background with the HunterLab color 16.0045, 25.9271, -75.9734.



This preview shows how white text looks on a background with the HunterLab color 16.0045, 25.9271, -75.9734.

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

16.0045, 25.9271, -75.9734

Protanopia

16.0987, 3.7211, -28.1548

Deuteranopia

16.1169, -1.3159, -17.3041

Trichromacy



Original Color

16.0045, 25.9271, -75.9734

Protanomaly

15.7809, 11.4459, -44.4330

Deuteranomaly

15.6131, 7.6503, -36.0297

Monochromacy



Original Color

16.0045, 25.9271, -75.9734

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.2757, 5.0828, -19.5399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0045, 25.9271, -75.9734 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, 27, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 27, 136)  
}
```

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, 27, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 27, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0045, 25.9271, -75.9734 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, 27, 136) }
```

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

```
.border{ border-color:rgb(0, 27, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 27, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 27, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 27, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 27, 136)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 16.0045, 25.9271, -75.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 27, 136) }
```

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

```
.background{ background-color: rgb(0, 27,  
136) }
```

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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