

Converting Colors

HunterLab(16.5424, 25.7803,
-75.1271)

Have a look what the booklet for
HunterLab(16.5424, 25.7803,
-75.1271) contains.

HunterLab(16.5904, 25.8593, -75.2542)	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>	30

Color

**HunterLab(16.5904, 25.8593,
-75.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	061D8A
RGB	6, 29, 138
RGB Percent	2%, 11%, 54%
CMY	0.9764, 0.8863, 0.4588
CMYK	0.96, 0.79, 0.00, 0.46
HSL	230°, 92%, 28%
HSV	230°, 96%, 54%
XYZ	5.1019, 2.7524, 24.3071
YIQ	34.5490, -48.6970, 29.0230

Conversions

Conversions Part 2

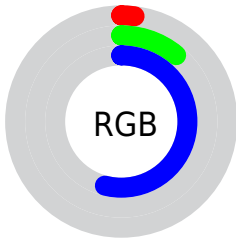
Format	Color
RYB	6, 26, 138
Decimal	400778
CIELab	19.02, 37.65, -60.94
CIELCh	19, 71.632, 301.708
Yxy	2.7524, 0.1586, 0.0856
Android (android.graphics.Color)	4278590858 (0xFF061D8A)
YUV	34.5490, 51.0013, -25.0375
Hunter-Lab	16.5904, 25.8593, -75.2542

Details

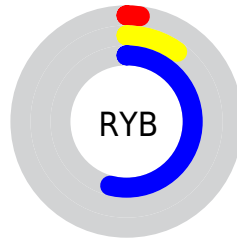
The HunterLab color **16.5904, 25.8593, -75.2542** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **42.0509, -2.9234, 25.6167**, and the grayscale version is **12.6775, -0.6764, 0.6888**.

A 20% lighter version of the original color is **32.6789, 29.2285, -70.8879**, and **8.2953, 22.5010, -58.9416** is the 20% darker color. If you saturate the color by 10%, you get **15.7777, 27.9906, -80.1443**, and if you desaturate by 10%, it is **18.7781, 20.7931, -63.9841**.

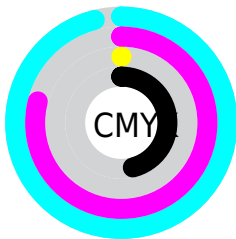
Distribution



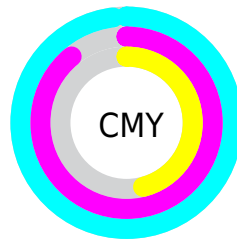
- Red (2%)
- Green (11%)
- Blue (54%)



- Red (2%)
- Yellow (10%)
- Blue (54%)



- Cyan (96%)
- Magenta (79%)
- Yellow (0%)
- Black (46%)



- Cyan (98%)
- Magenta (89%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 16.5904, 25.8593, -75.2542 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 16.5904, 25.8593, -75.2542 by changing the saturation by 10% instead.

■ 16.5904, 25.8593, -75.2542	■ 16.5904, 25.8593, -75.2542
■ 111.8929, 36.6558, -74.1253	■ 10.0195, 24.2014, -83.8040
■ 32.6693, 29.0622, -70.5622	0.0000, INF, -NF
■ 41.9684, 30.4792, -70.2652	0.0000, NaN, -NF
■ 52.0130, 31.7709, -70.4962	0.0000, NaN, -NF
■ 62.7515, 32.9458, -71.0188	0.0000, NaN, NaN
■ 74.1416, 34.0133, -71.7044	0.0000, NaN, NaN
■ 86.1480, 34.9823,	0.0000, NaN, NaN


-72.4781


 98.7404, 35.8609,
-73.2947


 16.5904, 25.8593,
-75.2542

 16.5904, 25.8593,
-75.2542

 15.7777, 27.9906,
-80.1443

 18.7781, 20.7931,
-63.9841

 21.4619, 16.1151,
-52.9188

 24.5467, 12.0708,
-42.7409

 27.9470, 8.6632,
-33.6389

 31.5986, 5.8084,
-25.5439

■ 35.4542, 3.4057,
-18.3038

■ 39.4794, 1.3646,
-11.7594

■ 43.6488, -0.3892,
-5.7717

■ 47.9430, -1.9138,
-0.2269

Harmonies

Analogous

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



16.5905, 0.3250, -100.2220



16.5904, 25.8593, -75.2542



16.5905, 51.1885, -29.2226

Triad

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



16.5905, 25.8611, -75.2541



16.5905, 22.6955, 11.6133



16.5905, -26.3020, -0.2735

Complementary

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



16.5904, 25.8593, -75.2542



42.0509, -2.9234, 25.6167

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.



16.5905, -24.0629, 11.6133



16.5904, 25.8593, -75.2542



16.5905, -2.0634, 11.6133

Square

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



16.5905, 25.8611, -75.2541



16.5905, 48.8120, 11.6133



16.5905, -17.1297, 11.6133



16.5905, -23.5022, -34.2151

Rectangle

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



16.5904, 25.8593, -75.2542



16.5905, 60.2921, -5.5879



16.5905, -17.1297, 11.6133



16.5905, -26.1137, 5.5132

Sweetspot

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



16.5905, 25.8611, -75.2541



50.2628, 2.8400, -18.9738



44.0752, -27.7638, 5.3367



22.8705, 1.8256, -10.5198



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.



16.5905, 25.8611, -75.2541



20.5391, 38.6078, -109.0153



16.0919, 36.8739, -78.0311



22.4143, -0.6765, -1.0288



15.1613, 26.6147, -76.4038



1.7451, 0.7901, -3.8867

Inverse Universe

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



23.7121, 39.5656, 12.3979



31.0219, 53.4461, 17.5633



45.4843, -24.7846, 27.3680



22.4986, 0.8211, 1.4219



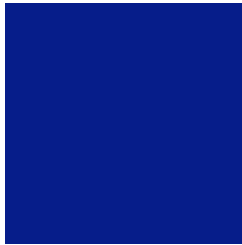
22.3970, 38.6333, 12.3193



1.8670, 3.3015, 0.3985

Previews

White Background



This preview shows how the HunterLab color 16.5904, 25.8593, -75.2542 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 16.5904, 25.8593, -75.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

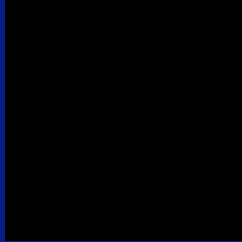
Any Text WCAG AA × Fail

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 16.5904, 25.8593, -75.2542 Background



This preview shows how black text looks on a background with the HunterLab color 16.5904, 25.8593, -75.2542.



This preview shows how white text looks on a background with the HunterLab color 16.5904, 25.8593, -75.2542.

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

16.5904, 25.8593, -75.2542

Protanopia

16.7288, 3.6777, -28.8486

Deuteranopia

16.7506, -1.3800, -17.9577

Trichromacy



Original Color

16.5904, 25.8593, -75.2542

Protanomaly

16.3652, 11.2061, -44.2048

Deuteranomaly

16.2116, 7.4285, -35.8537

Monochromacy



Original Color

16.5904, 25.8593, -75.2542

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.2279, 5.0572, -19.2402

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5904, 25.8593, -75.2542 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(6, 29, 138)` looks like.

```
.text, #text, p{  
    color:rgb(6, 29, 138)  
}
```

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(6, 29, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 29, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5904, 25.8593, -75.2542 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(6, 29, 138) }
```

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

```
.border{ border-color:rgb(6, 29, 138) }
```

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

Here you see how a box with a 4 pixel rgb(6, 29, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 29, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 29, 138);  
box-shadow:4px 4px 4px 4px rgb(6, 29, 138)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 16.5904, 25.8593, -75.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 29, 138) }
```

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

```
.background{ background-color: rgb(6, 29,  
138) }
```

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