

Converting Colors

HunterLab(15.9888, 22.7606,
-56.1536)

Have a look what the booklet for
HunterLab(15.9888, 22.7606,
-56.1536) contains.

HunterLab(16.0051, 22.5458, -55.5683)	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(16.0051, 22.5458,
-55.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	241C78
RGB	36, 28, 120
RGB Percent	14%, 11%, 47%
CMY	0.8588, 0.8902, 0.5294
CMYK	0.70, 0.77, 0.00, 0.53
HSL	245°, 62%, 29%
HSV	245°, 77%, 47%
XYZ	4.5330, 2.5616, 18.0248
YIQ	40.8800, -24.7640, 30.3080

Conversions

Conversions Part 2

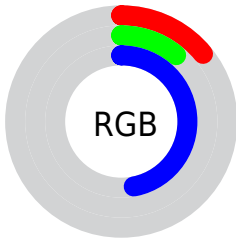
Format	Color
R_{YB}	36, 28, 120
Decimal	2366584
CIE _{Lab}	18.20, 33.93, -50.86
CIE _{LCh}	18, 61.139, 303.710
Yxy	2.5617, 0.1805, 0.1020
Android (android.graphics.Color)	4280556664 (0xFF241C78)
YUV	40.8800, 39.0062, -4.2798
Hunter-Lab	16.0051, 22.5458, -55.5683




Details

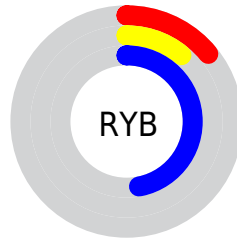
The HunterLab color **16.0051, 22.5458, -55.5683** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **41.1840, -13.0944, 23.5666**, and the grayscale version is **14.7354, -0.7862, 0.8006**.




A 20% lighter version of the original color is **31.8777, 25.6392, -53.4404**, and **6.6498, 18.0375, -47.2495** is the 20% darker color. If you saturate the color by 10%, you get **13.9065, 26.7183, -66.7221**, and if you desaturate by 10%, it is **18.6467, 18.2897, -44.6902**.

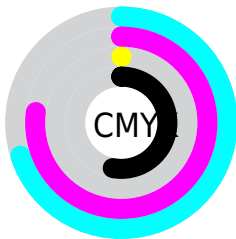
Distribution







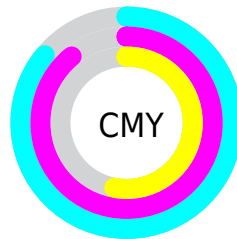
-  Red (14%)
-  Green (11%)
-  Blue (47%)






-  Red (14%)
-  Yellow (11%)
-  Blue (47%)



-  Cyan (70%)
-  Magenta (77%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (86%)
-  Magenta (89%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0051, 22.5458, -55.5683 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 16.0051, 22.5458, -55.5683 by changing the saturation by 10% instead.

■ 16.0051, 22.5458,
-55.5683

■ 16.0051, 22.5458,
-55.5683

■ 110.7824, 32.1356,
-57.9911

■ 9.5260, 20.9548,
-60.5403

■ 31.9342, 25.4985,
-53.5717

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.1688, 26.7757,
-53.8101

0.0000, NaN, -NF

■ 51.1538, 27.9261,
-54.3381

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8365, 28.9608,
-55.0092

0.0000, NaN, NaN

■ 73.1740, 29.8903,
-55.7457

0.0000, NaN, NaN

■ 85.1305, 30.7241,

0.0000, NaN, NaN

-56.5037

97.6754, 31.4701,
-57.2574

16.0051, 22.5458,
-55.5683

16.0051, 22.5458,
-55.5683

13.9065, 26.7183,
-66.7221

18.6467, 18.2897,
-44.6902

12.3975, 30.3695,
-76.8092

21.7002, 14.3253,
-34.9276

11.9309, 31.7977,
-80.3952

25.0665, 10.7429,
-26.3961

28.6754, 7.5117,
-18.9391

32.4785, 4.5683,
-12.3452

■ 36.4415, 1.8508,
-6.4231

■ 40.5398, -0.6927,
-1.0196

■ 44.7552, -3.1028,
3.9835

■ 49.0739, -5.4107,
8.6758

Harmonies

Analogous

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



16.0053, 1.3905, -75.8499



16.0051, 22.5458, -55.5683



16.0053, 42.1040, -20.9068

Triad

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



16.0053, 22.5469, -55.5678



16.0053, 17.0300, 11.2037



16.0053, -23.2673, -1.3511

Complementary

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



16.0051, 22.5458, -55.5683



41.1840, -13.0944, 23.5666

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.



16.0053, -21.5804, 10.0922



16.0051, 22.5458, -55.5683



16.0053, -2.9829, 11.2037

Square

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



16.0053, 22.5469, -55.5678



16.0053, 38.0694, 11.2037



16.0053, -15.6223, 11.2037



16.0053, -20.5034, -29.2048

Rectangle

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



16.0051, 22.5458, -55.5683



16.0053, 48.4839, -3.0662



16.0053, -15.6223, 11.2037



16.0053, -23.2019, 4.0082

Sweetspot

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



16.0053, 22.5469, -55.5678



44.6836, 4.9113, -13.8495



36.4211, -16.1970, -6.7678



20.9957, 2.9299, -7.9271



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



16.0053, 22.5469, -55.5678



16.9242, 38.9171, -98.3779



19.9134, 30.1940, -40.1071



19.7704, -0.0456, -1.1431



12.4486, 33.2022, -84.0760



26.8832, 72.2875, -186.1084

Inverse Universe

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



24.4811, 37.9845, -21.3711



30.4681, 56.3862, -30.8827



38.3232, -24.2359, 21.4907



20.1787, 1.3111, -0.3775



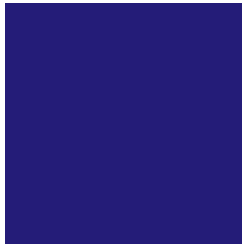
23.6069, 45.5812, -24.6961



51.4974, 99.3373, -53.1287

Previews

White Background



This preview shows how the HunterLab color 16.0051, 22.5458, -55.5683 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 16.0051, 22.5458, -55.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

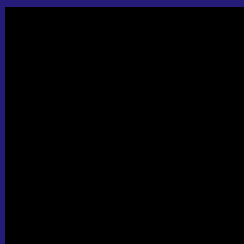
Any Text WCAG AA × Fail

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 16.0051, 22.5458, -55.5683 Background



This preview shows how black text looks on a background with the HunterLab color 16.0051, 22.5458, -55.5683.



This preview shows how white text looks on a background with the HunterLab color 16.0051, 22.5458, -55.5683.

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

16.0051, 22.5458, -55.5683

Protanopia

16.0439, 3.4362, -27.4712

Deuteranopia

16.0720, -1.5635, -16.7134



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

16.0051, 22.5458, -55.5683

Protanomaly

15.5920, 10.0050, -38.0172

Deuteranomaly

15.4708, 6.3922, -30.0428

Tritanomaly

15.0908, 1.1927, -18.2657

Monochromacy



Original Color

16.0051, 22.5458, -55.5683

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.6126, 5.8592, -14.4035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0051, 22.5458, -55.5683 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(36, 28, 120)` looks like.

```
.text, #text, p{  
    color:rgb(36, 28, 120)  
}
```

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(36, 28, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 28, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0051, 22.5458, -55.5683 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(36, 28, 120) }
```


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

```
.border{ border-color:rgb(36, 28, 120) }
```

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

Here you see how a box with a 4 pixel rgb(36, 28, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 28, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 28, 120);  
box-shadow:4px 4px 4px 4px rgb(36, 28,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.0051, 22.5458, -55.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 28, 120) }
```

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

```
.background{ background-color: rgb(36, 28,  
120) }
```

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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