

Converting Colors

HunterLab(16.8012, 4.1753,
-80.7126)

Have a look what the booklet for
HunterLab(16.8012, 4.1753,
-80.7126) contains.

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Color

**HunterLab(20.8586, 16.0561,
-60.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	00338F
RGB	0, 51, 143
RGB Percent	0%, 20%, 56%
CMY	0.9999, 0.8000, 0.4392
CMYK	1.00, 0.64, 0.00, 0.44
HSL	219°, 100%, 28%
HSV	219°, 100%, 56%
XYZ	6.1417, 4.3508, 26.5026
YIQ	46.2390, -59.9280, 17.8000

Conversions

Conversions Part 2

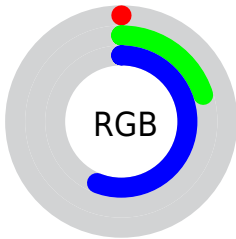
Format	Color
R_{YB}	0, 38, 143
Decimal	13199
CIE _{Lab}	24.80, 24.79, -54.53
CIE _{LCh}	25, 59.900, 294.443
Yxy	4.3509, 0.1660, 0.1176
Android (android.graphics.Color)	4278203279 (0xFF00338F)
YUV	46.2390, 47.7032, -40.5516
Hunter-Lab	20.8586, 16.0561, -60.7320

Details

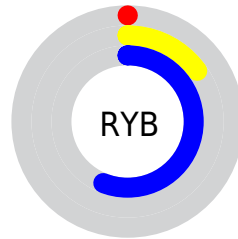
The HunterLab color **20.8586, 16.0561, -60.7320** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **36.7393, 9.3468, 22.8012**, and the grayscale version is **16.4715, -0.8789, 0.8949**.

A 20% lighter version of the original color is **38.0337, 18.0832, -59.5322**, and **9.8611, 18.8892, -53.1020** is the 20% darker color. If you saturate the color by 10%, you get **20.8557, 16.0635, -60.7443**, and if you desaturate by 10%, it is **23.0909, 11.9286, -52.2880**.

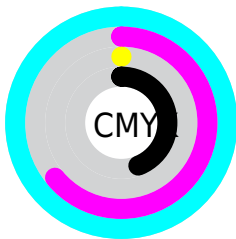
Distribution



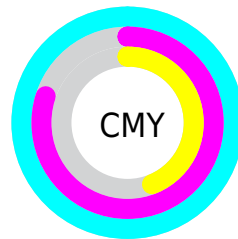
- Red (0%)
- Green (20%)
- Blue (56%)



- Red (0%)
- Yellow (15%)
- Blue (56%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (80%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8586, 16.0561, -60.7320 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 20.8586, 16.0561, -60.7320 by changing the saturation by 10% instead.

■ 20.8586, 16.0561,
-60.7320

■ 20.8586, 16.0561,
-60.7320

■ 119.7348, 21.5922,
-64.2067

■ 13.6811, 14.8486,
-63.9708

■ 37.9454, 18.0219,
-59.4995

■ 7.2890, 15.1507,
-76.6633

■ 47.6820, 18.8091,
-59.8317

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.1330, 19.4869,
-60.4086

0.0000, NaN, -NF

■ 69.2525, 20.0674,
-61.1119

0.0000, NaN, NaN

■ 81.0025, 20.5607,
-61.8754

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.3507, 20.9749,

-62.6601

0.0000, NaN, NaN

106.2695, 21.3168,
-63.4421

■ 20.8586, 16.0561,
-60.7320

■ 20.8586, 16.0561,
-60.7320

■ 20.8557, 16.0635,
-60.7443

■ 23.0909, 11.9286,
-52.2880

■ 25.5828, 8.3064,
-44.3167

■ 28.3372, 5.3279,
-36.8174

■ 31.3161, 2.9464,
-29.8515

■ 34.4864, 1.0880,
-23.4077

■ 37.8207, -0.3252,
-17.4390

■ 41.2970, -1.3644,
-11.8859

■ 44.8973, -2.0904,
-6.6883

■ 48.6074, -2.5541,
-1.7910

Harmonies

Analogous

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



20.8588, -4.5015, -70.3185



20.8586, 16.0561, -60.7320



20.8588, 37.2101, -30.4087

Triad

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



20.8588, 16.0574, -60.7315



20.8588, 24.3545, 14.6012



20.8588, -26.2831, 4.1993

Complementary

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



20.8586, 16.0561, -60.7320



36.7393, 9.3468, 22.8012

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.



20.8588, -23.1340, 13.0263



20.8586, 16.0561, -60.7320



20.8588, 2.5043, 14.6012

Square

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



20.8588, 16.0574, -60.7315



20.8588, 43.0700, 10.9432



20.8588, -14.0676, 14.6012



20.8588, -24.8817, -18.7036

Rectangle

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



20.8586, 16.0561, -60.7320



20.8588, 46.4046, -10.3577



20.8588, -14.0676, 14.6012



20.8588, -25.7702, 8.4146

Sweetspot

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



20.8588, 16.0574, -60.7315



54.9575, -1.7491, -16.3728



45.1587, -32.8095, 14.3835



25.4677, -0.6063, -9.1630



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



20.8588, 16.0574, -60.7315



27.3705, 22.8535, -83.5450



14.5703, 38.5548, -96.0932



23.5586, -1.2433, -0.6777



19.7047, 14.8724, -56.7342



2.7564, -0.1922, -3.0302

Inverse Universe

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



24.6559, 43.1886, 8.4177



32.9479, 57.6314, 11.9327



48.9136, -19.4532, 29.7990



23.3535, 1.0428, 1.0045



23.1912, 40.6424, 7.8010



2.3525, 4.2828, -0.4494

Previews

White Background



This preview shows how the HunterLab color 20.8586, 16.0561, -60.7320 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 20.8586, 16.0561, -60.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

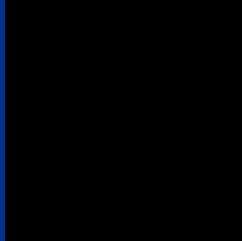
Any Text WCAG AA × Fail

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 20.8586, 16.0561, -60.7320 Background



This preview shows how black text looks on a background with the HunterLab color 20.8586, 16.0561, -60.7320.



This preview shows how white text looks on a background with the HunterLab color 20.8586, 16.0561, -60.7320.

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

20.8586, 16.0561, -60.7320

Protanopia

20.7527, 5.9524, -38.7885

Deuteranopia

20.8254, -0.7242, -24.4666



Tritanopia

20.8294, -10.2823, -3.8384

Trichromacy



Original Color

20.8586, 16.0561, -60.7320

Protanomaly

20.7782, 9.4149, -46.2950

Deuteranomaly

20.5773, 5.0478, -36.6166

Tritanomaly

20.4953, -2.5412, -20.1316

Monochromacy



Original Color

20.8586, 16.0561, -60.7320

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.2314, 1.4282, -16.1425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8586, 16.0561, -60.7320 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, 51, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 143)  
}
```

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, 51, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8586, 16.0561, -60.7320 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, 51, 143) }
```


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

```
.border{ border-color:rgb(0, 51, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 143)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8586, 16.0561, -60.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 143) }
```

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

```
.background{ background-color: rgb(0, 51,  
143) }
```

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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