

Converting Colors

HunterLab(12.8905, 2.3409,
-84.5933)

Have a look what the booklet for
HunterLab(12.8905, 2.3409,
-84.5933) contains.

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Color

**HunterLab(17.6584, 15.8366,
-56.2582)**

Conversions

Conversions Part 1

Format	Color
Hex	00297F
RGB	0, 41, 127
RGB Percent	0%, 16%, 50%
CMY	0.9999, 0.8392, 0.5020
CMYK	1.00, 0.68, 0.00, 0.50
HSL	221°, 100%, 25%
HSV	221°, 100%, 50%
XYZ	4.6237, 3.1182, 20.4369
YIQ	38.5450, -52.0420, 18.0540

Conversions

Conversions Part 2

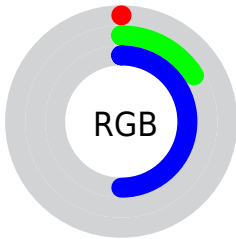
Format	Color
RYB	0, 31, 127
Decimal	10623
CIELab	20.51, 25.15, -51.56
CIELCh	21, 57.368, 296.002
Yxy	3.1182, 0.1641, 0.1107
Android (android.graphics.Color)	4278200703 (0xFF00297F)
YUV	38.5450, 43.6083, -33.8040
Hunter-Lab	17.6584, 15.8366, -56.2582

Details

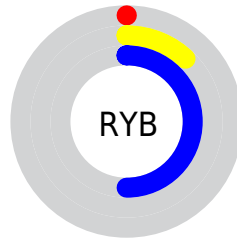
The HunterLab color **17.6584, 15.8366, -56.2582** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.4221, 6.0369, 20.6994**, and the grayscale version is **13.9749, -0.7457, 0.7593**.

A 20% lighter version of the original color is **34.0756, 17.9485, -54.7525**, and **7.3200, 19.8555, -52.0116** is the 20% darker color. If you saturate the color by 10%, you get **17.6562, 15.8426, -56.2684**, and if you desaturate by 10%, it is **19.6543, 12.0702, -48.2483**.

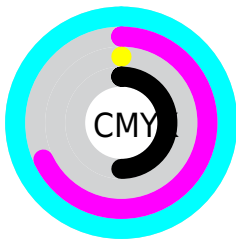
Distribution



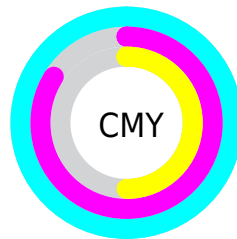
- Red (0%)
- Green (16%)
- Blue (50%)



- Red (0%)
- Yellow (12%)
- Blue (50%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (84%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6584, 15.8366, -56.2582 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 17.6584, 15.8366, -56.2582 by changing the saturation by 10% instead.

■ 17.6584, 15.8366,
-56.2582

■ 17.6584, 15.8366,
-56.2582

■ 113.8957, 21.9054,
-59.2392

■ 10.9260, 14.5471,
-60.3235

■ 34.0030, 17.9618,
-54.6931

■ 2.3793, 45.9331,
-172.1688

■ 43.4167, 18.8175,
-54.9904

0.0000, NaN, -NF

■ 53.5676, 19.5573,
-55.5480

0.0000, NaN, -NF

■ 64.4055, 20.1942,
-56.2349

0.0000, NaN, -NF

■ 75.8893, 20.7393,
-56.9806

0.0000, NaN, NaN

■ 87.9847, 21.2015,

0.0000, NaN, NaN

0.0000, NaN, NaN

-57.7443

0.0000, NaN, NaN

100.6620, 21.5881,
-58.5021

17.6584, 15.8366,
-56.2582

17.6584, 15.8366,
-56.2582

17.6562, 15.8426,
-56.2684

19.6543, 12.0702,
-48.2483

21.8879, 8.7130,
-40.7498

24.3670, 5.9247,
-33.7374

27.0527, 3.6644,
-27.2718

29.9126, 1.8640,
-21.3338

■ 32.9203, 0.4523,
-15.8690

■ 36.0552, -0.6357,
-10.8122

■ 39.3006, -1.4548,
-6.1001

■ 42.6434, -2.0502,
-1.6761

Harmonies

Analogous

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



17.6586, -3.1698, -66.9584



17.6584, 15.8366, -56.2582



17.6586, 35.2548, -26.8545

Triad

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



17.6586, 15.8379, -56.2578



17.6586, 21.3643, 12.3610



17.6586, -23.2077, 2.9990

Complementary

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



17.6584, 15.8366, -56.2582



33.4221, 6.0369, 20.6994

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.



17.6586, -20.7236, 11.5895



17.6584, 15.8366, -56.2582



17.6586, 1.3996, 12.3610

Square

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



17.6586, 15.8379, -56.2578



17.6586, 39.2043, 9.9633



17.6586, -13.1334, 12.3610



17.6586, -21.7957, -18.8881

Rectangle

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



17.6584, 15.8366, -56.2582



17.6586, 43.4165, -8.3614



17.6586, -13.1334, 12.3610



17.6586, -22.8217, 6.9602

Sweetspot

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



17.6586, 15.8379, -56.2578



47.9387, -0.7579, -14.9440



39.7865, -28.2778, 11.3154



22.4684, -0.1335, -8.3719



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



17.6586, 15.8379, -56.2578



23.0988, 22.6023, -77.6634



13.0156, 34.0554, -82.8486



21.0257, -1.0250, -0.6348



17.7247, 15.9272, -56.5366

0.0000, NaN, NaN

Inverse Universe

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



21.6159, 37.7545, 8.2267



28.8819, 50.3669, 11.6412



42.7002, -18.2328, 25.9918



20.8935, 0.8609, 0.9804



21.7064, 37.9152, 8.2715

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 17.6584, 15.8366, -56.2582 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 17.6584, 15.8366, -56.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

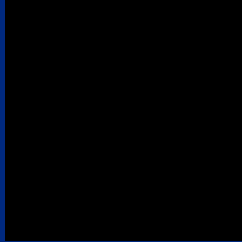
Any Text WCAG AA × Fail

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 17.6584, 15.8366, -56.2582 Background



This preview shows how black text looks on a background with the HunterLab color 17.6584, 15.8366, -56.2582.



This preview shows how white text looks on a background with the HunterLab color 17.6584, 15.8366, -56.2582.

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

17.6584, 15.8366, -56.2582

Protanopia

17.8210, 4.3357, -31.6343

Deuteranopia

17.7316, -1.3506, -19.2475



Tritanopia

17.7316, -8.8474, -3.0640

Trichromacy



Original Color

17.6584, 15.8366, -56.2582

Protanomaly

17.6744, 8.4737, -40.3838

Deuteranomaly

17.5306, 4.5033, -31.6330

Tritanomaly

17.3429, -1.6953, -18.0174

Monochromacy



Original Color

17.6584, 15.8366, -56.2582

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.7621, 1.9415, -14.8122

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6584, 15.8366, -56.2582 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, 41, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 127)  
}
```

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, 41, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6584, 15.8366, -56.2582 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, 41, 127) }
```


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

```
.border{ border-color:rgb(0, 41, 127) }
```

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

Here you see how a box with a 4 pixel rgb(0, 41, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 41, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 41, 127)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6584, 15.8366, -56.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 127) }
```

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

```
.background{ background-color: rgb(0, 41,  
127) }
```

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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