

Converting Colors

HunterLab(17.1955, 15.9688,
-55.9649)

Have a look what the booklet for
HunterLab(17.1955, 15.9688,
-55.9649) contains.

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Color

**HunterLab(17.1222, 16.1898,
-56.3503)**

Conversions

Conversions Part 1

Format	Color
Hex	00277D
RGB	0, 39, 125
RGB Percent	0%, 15%, 49%
CMY	0.9999, 0.8471, 0.5098
CMYK	1.00, 0.69, 0.00, 0.51
HSL	221°, 100%, 25%
HSV	221°, 100%, 49%
XYZ	4.4272, 2.9317, 19.7345
YIQ	37.1430, -50.8500, 18.4780

Conversions

Conversions Part 2

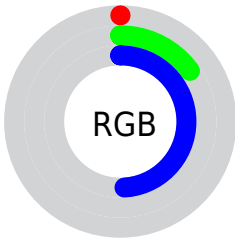
Format	Color
RYB	0, 30, 125
Decimal	10109
CIELab	19.77, 25.73, -51.51
CIElCh	20, 57.582, 296.540
Yxy	2.9317, 0.1634, 0.1082
Android (android.graphics.Color)	4278200189 (0xFF00277D)
YUV	37.1430, 43.3135, -32.5744
Hunter-Lab	17.1222, 16.1898, -56.3503

Details

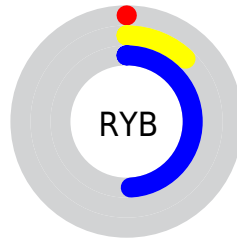
The HunterLab color **17.1222, 16.1898, -56.3503** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.1939, 5.2937, 20.5458**, and the grayscale version is **13.5262, -0.7217, 0.7349**.

A 20% lighter version of the original color is **33.4262, 18.2288, -54.7308**, and **7.1274, 19.3331, -50.6433** is the 20% darker color. If you saturate the color by 10%, you get **17.1199, 16.1960, -56.3609**, and if you desaturate by 10%, it is **19.0892, 12.4253, -48.2818**.

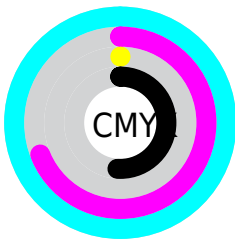
Distribution



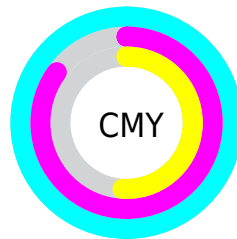
- Red (0%)
- Green (15%)
- Blue (49%)



- Red (0%)
- Yellow (12%)
- Blue (49%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1222, 16.1898, -56.3503 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 17.1222, 16.1898, -56.3503 by changing the saturation by 10% instead.

■ 17.1222, 16.1898,
-56.3503

■ 17.1222, 16.1898,
-56.3503

■ 112.8939, 22.5563,
-59.1139

■ 10.4700, 14.8653,
-60.7393

■ 33.3347, 18.3926,
-54.6140

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.6913, 19.2848,
-54.8858

0.0000, NaN, -NF

■ 52.7893, 20.0591,
-55.4305

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5776, 20.7288,
-56.1112

0.0000, NaN, NaN

■ 75.0148, 21.3049,
-56.8541

0.0000, NaN, NaN

■ 87.0657, 21.7968,

0.0000, NaN, NaN

-57.6172

99.7007, 22.2118,
-58.3755

17.1222, 16.1898,
-56.3503

17.1222, 16.1898,
-56.3503

17.1199, 16.1960,
-56.3609

19.0892, 12.4253,
-48.2818

21.2966, 9.0555,
-40.7342

23.7520, 6.2474,
-33.6864

26.4150, 3.9621,
-27.2029

29.2522, 2.1317,
-21.2628

■ 32.2370, 0.6848,
-15.8079

■ 35.3481, -0.4436,
-10.7698

■ 38.5691, -1.3081,
-6.0825

■ 41.8866, -1.9538,
-1.6873

Harmonies

Analogous

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



17.1223, -2.8351, -67.7291



17.1222, 16.1898, -56.3503



17.1223, 35.5800, -26.4366

Triad

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



17.1223, 16.1911, -56.3499



17.1223, 20.9809, 11.9856



17.1223, -22.9067, 2.6975

Complementary

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



17.1222, 16.1898, -56.3503



33.1939, 5.2937, 20.5458

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.



17.1223, -20.4869, 11.4203



17.1222, 16.1898, -56.3503



17.1223, 1.0946, 11.9856

Square

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



17.1223, 16.1911, -56.3499



17.1223, 39.0179, 9.9631



17.1223, -13.1660, 11.9856



17.1223, -21.3892, -19.4775

Rectangle

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



17.1222, 16.1898, -56.3503



17.1223, 43.6306, -7.9552



17.1223, -13.1660, 11.9856



17.1223, -22.5309, 6.6863

Sweetspot

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



17.1223, 16.1911, -56.3499



46.9899, -0.4950, -14.8928



39.1535, -27.5319, 10.4964



21.7211, -0.0045, -8.1880



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



17.1223, 16.1911, -56.3499



22.3845, 23.0931, -77.8300



12.8932, 33.5568, -80.6890



21.0087, -0.9966, -0.6558



17.4566, 16.6349, -57.7293

0.0000, NaN, NaN

Inverse Universe

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



21.2292, 37.0415, 8.3693



28.3652, 49.4158, 11.8205



41.8296, -18.4819, 25.4510



20.8917, 0.8516, 1.0050



21.6844, 37.8344, 8.5918

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 17.1222, 16.1898, -56.3503 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 17.1222, 16.1898, -56.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

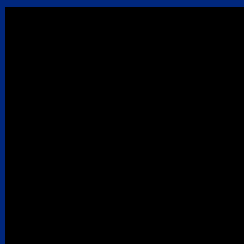
Any Text WCAG AA × Fail

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 17.1222, 16.1898, -56.3503 Background



This preview shows how black text looks on a background with the HunterLab color 17.1222, 16.1898, -56.3503.



This preview shows how white text looks on a background with the HunterLab color 17.1222, 16.1898, -56.3503.

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

17.1222, 16.1898, -56.3503

Protanopia

17.1286, 4.0881, -30.2343

Deuteranopia

17.1379, -1.0332, -19.1906



Tritanopia

17.1282, -8.5303, -2.9943

Trichromacy



Original Color

17.1222, 16.1898, -56.3503

Protanomaly

16.9826, 8.1977, -38.9232

Deuteranomaly

16.9531, 4.8382, -31.6342

Tritanomaly

16.7506, -1.3800, -17.9577

Monochromacy



Original Color

17.1222, 16.1898, -56.3503

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.1778, 2.1819, -14.7706

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1222, 16.1898, -56.3503 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, 39, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 125)  
}
```

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, 39, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1222, 16.1898, -56.3503 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, 39, 125) }
```


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

```
.border{ border-color:rgb(0, 39, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 39, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 39, 125)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.1222, 16.1898, -56.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 125) }
```

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

```
.background{ background-color: rgb(0, 39,  
125) }
```

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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