

Converting Colors

HunterLab(17.9228, 15.4131,
-55.6745)

Have a look what the booklet for
HunterLab(17.9228, 15.4131,
-55.6745) contains.

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Color

**HunterLab(17.9289, 15.6591,
-56.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	002A80
RGB	0, 42, 128
RGB Percent	0%, 16%, 50%
CMY	0.9999, 0.8353, 0.4980
CMYK	1.00, 0.67, 0.00, 0.50
HSL	220°, 100%, 25%
HSV	220°, 100%, 50%
XYZ	4.7243, 3.2145, 20.7936
YIQ	39.2460, -52.6380, 17.8420

Conversions

Conversions Part 2

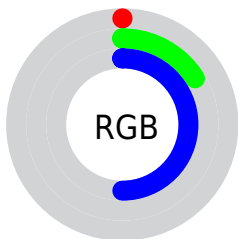
Format	Color
RYB	0, 32, 128
Decimal	10880
CIELab	20.88, 24.86, -51.58
CIELCh	21, 57.260, 295.733
Yxy	3.2145, 0.1644, 0.1119
Android (android.graphics.Color)	4278200960 (0xFF002A80)
YUV	39.2460, 43.7557, -34.4187
Hunter-Lab	17.9289, 15.6591, -56.2131

Details

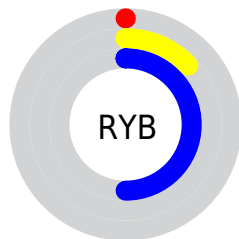
The HunterLab color **17.9289, 15.6591, -56.2131** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.5375, 6.4100, 20.7770**, and the grayscale version is **14.2001, -0.7577, 0.7715**.

A 20% lighter version of the original color is **34.3708, 17.7183, -54.8528**, and **7.4166, 20.1175, -52.6980** is the 20% darker color. If you saturate the color by 10%, you get **17.9266, 15.6652, -56.2234**, and if you desaturate by 10%, it is **19.9389, 11.8923, -48.2327**.

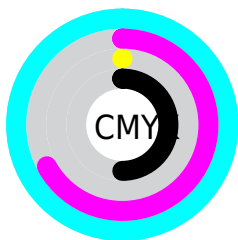
Distribution



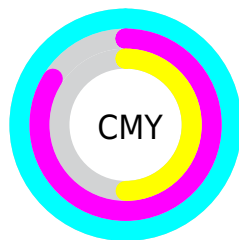
- Red (0%)
- Green (16%)
- Blue (50%)



- Red (0%)
- Yellow (13%)
- Blue (50%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9289, 15.6591, -56.2131 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 17.9289, 15.6591, -56.2131 by changing the saturation by 10% instead.

■ 17.9289, 15.6591,
-56.2131

■ 17.9289, 15.6591,
-56.2131

■ 114.3983, 21.5789,
-59.2987

■ 11.1567, 14.3878,
-60.1254

■ 34.3392, 17.7452,
-54.7304

■ 3.1271, 34.4757,
-133.3890

■ 43.7814, 18.5827,
-55.0400

0.0000, NaN, -NF

■ 53.9586, 19.3052,
-55.6038

0.0000, NaN, -NF

■ 64.8213, 19.9258,
-56.2939

0.0000, NaN, -NF

■ 76.3284, 20.4554,
-57.0408

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.4459, 20.9027,

0.0000, NaN, NaN

-57.8048

0.0000, NaN, NaN

101.1444, 21.2752,
-58.5623

17.9289, 15.6591,
-56.2131

17.9289, 15.6591,
-56.2131

17.9266, 15.6652,
-56.2234

19.9389, 11.8923,
-48.2327

22.1852, 8.5416,
-40.7585

24.6759, 5.7631,
-33.7634

27.3728, 3.5152,
-27.3063

30.2439, 1.7299,
-21.3693

■ 33.2630, 0.3357,
-15.8994

■ 36.4097, -0.7321,
-10.8332

■ 39.6673, -1.5284,
-6.1087

■ 43.0227, -2.0986,
-1.6704

Harmonies

Analogous

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



17.9291, -3.3384, -66.5805



17.9289, 15.6591, -56.2131



17.9291, 35.0919, -27.0625

Triad

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



17.9291, 15.6604, -56.2127



17.9291, 21.5555, 12.5503



17.9291, -23.3768, 3.1501

Complementary

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



17.9289, 15.6591, -56.2131



33.5375, 6.4100, 20.7770

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.



17.9291, -20.8372, 11.6799



17.9289, 15.6591, -56.2131



17.9291, 1.5543, 12.5503

Square

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



17.9291, 15.6604, -56.2127



17.9291, 39.2960, 9.9737



17.9291, -13.1125, 12.5503



17.9291, -21.9982, -18.5974

Rectangle

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



17.9289, 15.6591, -56.2131



17.9291, 43.3090, -8.5660



17.9291, -13.1125, 12.5503



17.9291, -22.9861, 7.0980

Sweetspot

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



17.9291, 15.6604, -56.2127



48.0132, -0.8844, -14.8313



40.1246, -28.5226, 11.4213



22.5084, -0.2018, -8.3090



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.



17.9291, 15.6604, -56.2127



23.2746, 22.1314, -76.8664



13.1230, 34.3425, -83.5807



21.0341, -1.0388, -0.6246



17.8574, 15.5820, -55.9573

0.0000, NaN, NaN

Inverse Universe

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



21.8100, 38.1125, 8.1518



28.8961, 50.4193, 11.4331



43.0626, -18.3926, 26.2123



20.8943, 0.8655, 0.9683



21.7173, 37.9555, 8.1113

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 17.9289, 15.6591, -56.2131 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 17.9289, 15.6591, -56.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

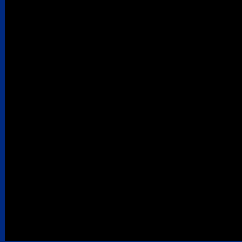
Any Text WCAG AA × Fail

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 17.9289, 15.6591, -56.2131 Background



This preview shows how black text looks on a background with the HunterLab color 17.9289, 15.6591, -56.2131.



This preview shows how white text looks on a background with the HunterLab color 17.9289, 15.6591, -56.2131.

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

17.9289, 15.6591, -56.2131

Protanopia

17.8776, 4.6285, -32.3372

Deuteranopia

18.0762, -1.2554, -19.8836



Tritanopia

18.0347, -9.0067, -3.0990

Trichromacy



Original Color

17.9289, 15.6591, -56.2131

Protanomaly

17.7377, 8.7861, -41.1371

Deuteranomaly

17.8210, 4.3357, -31.6343

Tritanomaly

17.6405, -1.8533, -18.0482

Monochromacy



Original Color

17.9289, 15.6591, -56.2131

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 17.9289, 15.6591, -56.2131 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, 42, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 42, 128)  
}
```

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, 42, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 42, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9289, 15.6591, -56.2131 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, 42, 128) }
```


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

```
.border{ border-color:rgb(0, 42, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 42, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 42, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 42, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 42, 128)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9289, 15.6591, -56.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 42, 128) }
```

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

```
.background{ background-color: rgb(0, 42,  
128) }
```

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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