

Converting Colors

HunterLab(19.6550, 14.9185,
-56.7717)

Have a look what the booklet for
HunterLab(19.6550, 14.9185,
-56.7717) contains.

HunterLab(19.6550, 14.9185, -56.7717)	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(19.6550, 14.9185,
-56.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	003087
RGB	0, 48, 135
RGB Percent	0%, 19%, 53%
CMY	0.9999, 0.8118, 0.4706
CMYK	1.00, 0.64, 0.00, 0.47
HSL	219°, 100%, 26%
HSV	219°, 100%, 53%
XYZ	5.4301, 3.8632, 23.3812
YIQ	43.5660, -56.5350, 16.8810

Conversions

Conversions Part 2

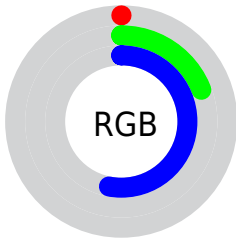
Format	Color
R _Y B	0, 35, 135
Decimal	12423
CIE _{Lab}	23.21, 23.55, -52.16
CIE _{LCh}	23, 57.225, 294.300
Y _{xy}	3.8633, 0.1662, 0.1182
Android (android.graphics.Color)	4278202503 (0xFF003087)
YUV	43.5660, 45.0770, -38.2074
Hunter-Lab	19.6550, 14.9185, -56.7717

Details

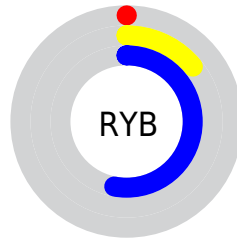
The HunterLab color **19.6550, 14.9185, -56.7717** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.5986, 8.5940, 21.4690**, and the grayscale version is **15.6001, -0.8324, 0.8476**.

A 20% lighter version of the original color is **36.3432, 16.9870, -55.8500**, and **8.5260, 19.4909, -52.7320** is the 20% darker color. If you saturate the color by 10%, you get **19.6523, 14.9252, -56.7830**, and if you desaturate by 10%, it is **21.7614, 11.0946, -48.8480**.

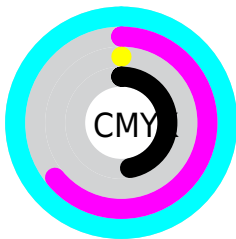
Distribution



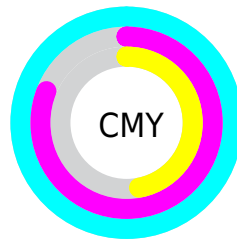
- Red (0%)
- Green (19%)
- Blue (53%)



- Red (0%)
- Yellow (14%)
- Blue (53%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6550, 14.9185, -56.7717 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 19.6550, 14.9185, -56.7717 by changing the saturation by 10% instead.

■ 19.6550, 14.9185,
-56.7717

■ 19.6550, 14.9185,
-56.7717

■ 117.5650, 20.1056,
-60.3568

■ 12.6387, 13.7448,
-59.9596

■ 36.4713, 16.8077,
-55.6715

■ 5.9651, 16.9443,
-79.7358

■ 46.0899, 17.5550,
-56.0374

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.4309, 18.1928,
-56.6300

0.0000, NaN, -NF

■ 67.4472, 18.7337,
-57.3353

0.0000, NaN, NaN

■ 79.0995, 19.1878,
-58.0904

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.3548, 19.5634,

-58.8589

0.0000, NaN, NaN

104.1849, 19.8674,
-59.6189

■ 19.6550, 14.9185,
-56.7717

■ 19.6550, 14.9185,
-56.7717

■ 19.6523, 14.9252,
-56.7830

■ 21.7614, 11.0946,
-48.8480

■ 24.1029, 7.7286,
-41.3974

■ 26.6876, 4.9608,
-34.3924

■ 29.4801, 2.7462,
-27.8865

■ 32.4500, 1.0158,
-21.8677

■ 35.5720, -0.3023,
-16.2913

■ 38.8257, -1.2740,
-11.1016

■ 42.1946, -1.9555,
-6.2429

■ 45.6655, -2.3936,
-1.6638

Harmonies

Analogous

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



19.6552, -4.3020, -65.5707



19.6550, 14.9185, -56.7717



19.6552, 34.7099, -28.5462

Triad

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



19.6552, 14.9197, -56.7712



19.6552, 22.8763, 13.7586



19.6552, -24.6730, 4.0085

Complementary

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



19.6550, 14.9185, -56.7717



34.5986, 8.5940, 21.4690

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.



19.6552, -21.6855, 12.3602



19.6550, 14.9185, -56.7717



19.6552, 2.4286, 13.7586

Square

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



19.6552, 14.9197, -56.7712



19.6552, 40.3235, 10.2466



19.6552, -13.1358, 13.7586



19.6552, -23.3733, -17.3426

Rectangle

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



19.6550, 14.9185, -56.7717



19.6552, 43.3375, -9.7980



19.6552, -13.1358, 13.7586



19.6552, -24.1830, 7.9440

Sweetspot

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



19.6552, 14.9197, -56.7712



51.6530, -1.6289, -15.3177



42.4172, -30.7837, 13.4371



24.0808, -0.5727, -8.5774



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



19.6552, 14.9197, -56.7712



25.7628, 21.3175, -78.2197



13.7057, 36.2264, -90.0791



21.8985, -1.1535, -0.6074



18.9337, 14.1788, -54.2734



1.5895, -0.1079, -1.7538

Inverse Universe

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



23.1619, 40.5822, 7.8249



30.9485, 54.1433, 11.1368



45.9459, -18.2426, 27.9916



21.7118, 0.9396, 0.9394



22.2460, 38.9917, 7.4387



1.3580, 2.4719, -0.2564

Previews

White Background



This preview shows how the HunterLab color 19.6550, 14.9185, -56.7717 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 19.6550, 14.9185, -56.7717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

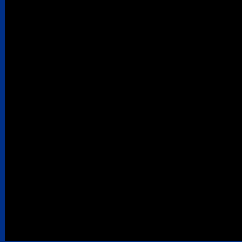
Any Text WCAG AA × Fail

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 19.6550, 14.9185, -56.7717 Background



This preview shows how black text looks on a background with the HunterLab color 19.6550, 14.9185, -56.7717.



This preview shows how white text looks on a background with the HunterLab color 19.6550, 14.9185, -56.7717.

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

19.6550, 14.9185, -56.7717

Protanopia

19.6297, 5.2627, -35.8961

Deuteranopia

19.7685, -1.0264, -22.4934



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.6550, 14.9185, -56.7717

Protanomaly

19.6497, 8.6792, -43.2964

Deuteranomaly

19.4577, 4.3723, -33.7591

Tritanomaly

19.1875, -2.3996, -18.8025

Monochromacy



Original Color

19.6550, 14.9185, -56.7717

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.3079, 1.6364, -15.4492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6550, 14.9185, -56.7717 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, 48, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 135)  
}
```

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, 48, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6550, 14.9185, -56.7717 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, 48, 135) }
```


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

```
.border{ border-color:rgb(0, 48, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 135)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6550, 14.9185, -56.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 135) }
```

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

```
.background{ background-color: rgb(0, 48,  
135) }
```

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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