

Converting Colors

HunterLab(30.1476, 8.5164,
-56.0664)

Have a look what the booklet for
HunterLab(30.1476, 8.5164,
-56.0664) contains.

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Color

**HunterLab(30.1476, 8.5164,
-56.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	0053AA
RGB	0, 83, 170
RGB Percent	0%, 33%, 67%
CMY	0.9999, 0.6745, 0.3333
CMYK	1.00, 0.51, 0.00, 0.33
HSL	211°, 100%, 33%
HSV	211°, 100%, 67%
XYZ	10.3489, 9.0888, 39.2390
YIQ	68.1010, -77.3950, 9.4610

Conversions

Conversions Part 2

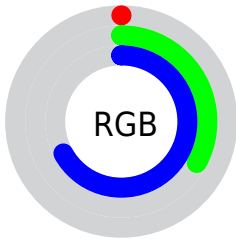
Format	Color
RYB	0, 56, 170
Decimal	21418
CIELab	36.16, 13.95, -52.40
CIELCh	36, 54.229, 284.910
Yxy	9.0890, 0.1764, 0.1549
Android (android.graphics.Color)	4278211498 (0xFF0053AA)
YUV	68.1010, 50.2362, -59.7246
Hunter-Lab	30.1476, 8.5164, -56.0664

Details

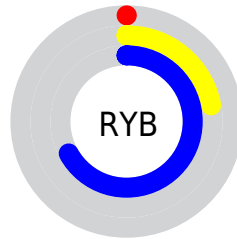
The HunterLab color **30.1476, 8.5164, -56.0664** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **39.2014, 22.4133, 24.5468**, and the grayscale version is **23.9299, -1.2768, 1.3002**.

A 20% lighter version of the original color is **49.1094, 8.9200, -56.4502**, and **16.7390, 13.0383, -49.0683** is the 20% darker color. If you saturate the color by 10%, you get **30.1438, 8.5243, -56.0786**, and if you desaturate by 10%, it is **32.5952, 4.7790, -49.0079**.

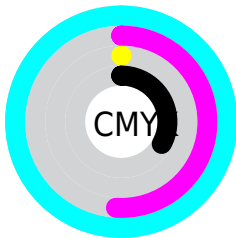
Distribution



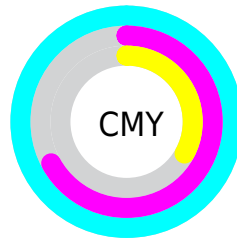
- Red (0%)
- Green (33%)
- Blue (67%)



- Red (0%)
- Yellow (22%)
- Blue (67%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1476, 8.5164, -56.0664 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 30.1476, 8.5164, -56.0664 by changing the saturation by 10% instead.

■ 30.1476, 8.5164,
-56.0664

■ 30.1476, 8.5164,
-56.0664

■ 135.6615, 8.8392,
-61.6572

■ 21.9073, 8.0670,
-56.7545

■ 49.0584, 9.0925,
-56.5766

■ 14.5945, 7.4771,
-59.1328

■ 59.6026, 9.2475,
-57.2080

■ 8.2548, 7.1122,
-66.9253

■ 70.8096, 9.3283,
-57.9322

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 82.6425, 9.3424,
-58.6952

0.0000, NaN, -NF

■ 95.0696, 9.2960,
-59.4651

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.0639, 9.1940,

-60.2226

0.0000, NaN, NaN

121.6015, 9.0406,
-60.9557

■ 30.1476, 8.5164,
-56.0664

■ 30.1476, 8.5164,
-56.0664

■ 30.1438, 8.5243,
-56.0786

■ 32.5952, 4.7790,
-49.0079

■ 35.2630, 1.6269,
-42.1857

■ 38.1661, -0.8353,
-35.5760

■ 41.2839, -2.6463,
-29.2248

■ 44.5948, -3.8676,
-23.1511

■ 48.0784, -4.5673,
-17.3531

■ 51.7165, -4.8117,
-11.8164

■ 55.4932, -4.6614,
-6.5194

■ 59.3947, -4.1694,
-1.4376

Harmonies

Analogous

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



30.1480, -10.6539, -55.9943



30.1476, 8.5164, -56.0664



30.1480, 29.2257, -35.4630

Triad

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



30.1480, 8.5175, -56.0656



30.1480, 29.3378, 17.4183



30.1480, -29.6715, 9.4438

Complementary

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



30.1476, 8.5164, -56.0664



39.2014, 22.4133, 24.5468

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.



30.1480, -23.5451, 17.4439



30.1476, 8.5164, -56.0664



30.1480, 8.6437, 19.7318

Square

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



30.1480, 8.5175, -56.0656



30.1480, 43.1443, 9.3681



30.1480, -10.5556, 19.7378



30.1480, -29.6891, -8.8978

Rectangle

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



30.1476, 8.5164, -56.0664



30.1480, 39.7693, -17.4334



30.1480, -10.5556, 19.7378



30.1480, -28.3427, 13.0793

Sweetspot

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



30.1480, 8.5175, -56.0656



69.3813, -6.4777, -16.3267



54.2272, -42.1794, 23.2759



31.8071, -3.0218, -9.1369



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



30.1480, 8.5175, -56.0656



40.0666, 12.5629, -77.1994



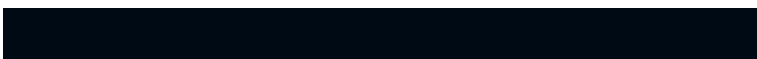
17.0386, 46.2024, -121.0281



28.0757, -1.9399, -0.5117



26.0675, 6.8858, -47.4466



5.1780, -0.8589, -4.6180

Inverse Universe

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



30.2841, 53.9191, 3.5830



40.7369, 72.4363, 5.6013



61.0702, -16.4027, 37.3432



27.5700, 1.4630, 0.7583



25.9943, 46.3258, 2.7679



4.1806, 7.6814, -1.3449

Previews

White Background



This preview shows how the HunterLab color 30.1476, 8.5164, -56.0664 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 30.1476, 8.5164, -56.0664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

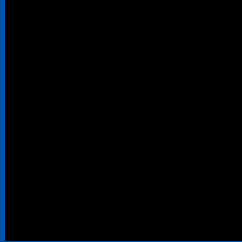
Any Text WCAG AA × Fail

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 30.1476, 8.5164, -56.0664 Background



This preview shows how black text looks on a background with the HunterLab color 30.1476, 8.5164, -56.0664.



This preview shows how white text looks on a background with the HunterLab color 30.1476, 8.5164,

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

30.1476, 8.5164, -56.0664

Protanopia

30.2424, 9.9803, -54.7793

Deuteranopia

30.0845, 0.7169, -39.1505



Tritanopia

30.2060, -14.7968, -5.8128

Trichromacy



Original Color

30.1476, 8.5164, -56.0664

Protanomaly

30.0462, 9.3713, -55.3913

Deuteranomaly

30.2063, 3.2741, -44.8230

Tritanomaly

29.9809, -7.7715, -20.6970

Monochromacy



Original Color

30.1476, 8.5164, -56.0664

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.0970, -1.7531, -16.1390

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1476, 8.5164, -56.0664 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, 83, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 170)  
}
```

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, 83, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1476, 8.5164, -56.0664 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, 83, 170) }
```


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

```
.border{ border-color:rgb(0, 83, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 83, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 170)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1476, 8.5164, -56.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 170) }
```

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

```
.background{ background-color: rgb(0, 83,  
170) }
```

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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