

Converting Colors

HunterLab(31.4446, 57.1633,
2.0521)

Have a look what the booklet for
HunterLab(31.4446, 57.1633,
2.0521) contains.

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Color

**HunterLab(31.5726, 56.4070,
2.2778)**

Conversions

Conversions Part 1

Format	Color
Hex	B0005A
RGB	176, 0, 90
RGB Percent	69%, 0%, 35%
CMY	0.3098, 0.9999, 0.6471
CMYK	0.00, 1.00, 0.49, 0.31
HSL	329°, 100%, 35%
HSV	329°, 100%, 69%
XYZ	19.7500, 9.9683, 10.5560
YIQ	62.8840, 76.0060, 65.3020

Conversions

Conversions Part 2

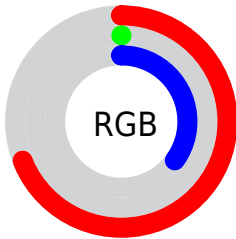
Format	Color
R_{YB}	176, 0, 90
Decimal	11534426
CIE _{Lab}	37.79, 64.31, 0.86
CIE _{LCh}	38, 64.319, 0.764
Yxy	9.9689, 0.4904, 0.2475
Android (android.graphics.Color)	4289724506 (0xFFB0005A)
YUV	62.8840, 13.3682, 99.2027
Hunter-Lab	31.5726, 56.4070, 2.2778

Details

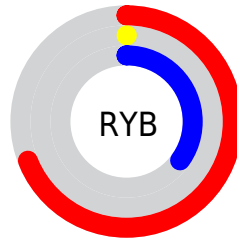
The HunterLab color **31.5726, 56.4070, 2.2778** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **56.3233, -44.0348, 24.6611**, and the grayscale version is **22.1966, -1.1844, 1.2060**.

A 20% lighter version of the original color is **50.7768, 60.8999, 3.3839**, and **19.9283, 35.0785, 5.5076** is the 20% darker color. If you saturate the color by 10%, you get **31.5722, 56.4056, 2.2830**, and if you desaturate by 10%, it is **32.4715, 55.0298, -0.3996**.

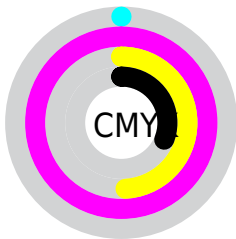
Distribution



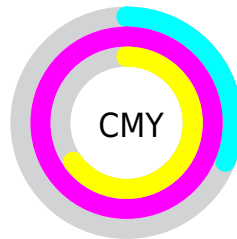
- Red (69%)
- Green (0%)
- Blue (35%)



- Red (69%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.5726, 56.4070, 2.2778 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 31.5726, 56.4070, 2.2778 by changing the saturation by 10% instead.

■ 31.5726, 56.4070,
2.2778

■ 31.5726, 56.4070,
2.2778

■ 138.0036, 73.3429,
8.4331

■ 23.1912, 54.2471,
1.7667

■ 50.7316, 60.7748,
3.4192

■ 15.7191, 52.3930,
1.2971

■ 61.3867, 62.8579,
4.0429

■ 9.2845, 51.6446,
0.8882

■ 72.6982, 64.8459,
4.6997

0.0000, INF, NaN

0.0000, INF, NaN

■ 84.6300, 66.7348,
5.3882

0.0000, NaN, NaN

■ 97.1514, 68.5256,
6.1069

0.0000, NaN, NaN

■ 110.2359, 70.2212,

0.0000, NaN, NaN

6.8546

0.0000, NaN, NaN

123.8601, 71.8255,
7.6304

■ 31.5726, 56.4070,
2.2778

■ 31.5726, 56.4070,
2.2778

■ 31.5722, 56.4056,
2.2830

■ 32.4715, 55.0298,
-0.3996

■ 33.9285, 52.0373,
-2.5879

■ 36.0792, 47.2428,
-3.9958

■ 38.8969, 41.0824,
-4.5844

■ 42.3176, 34.0566,
-4.4215

■ 46.2633, 26.5844,
-3.6271

■ 50.6572, 18.9552,
-2.3285

■ 55.4309, 11.3424,
-0.6377

■ 60.5272, 3.8356,
1.3557

Harmonies

Analogous

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



31.5735, 47.3963, -26.8047



31.5726, 56.4070, 2.2778



31.5735, 46.4821, 16.6260

Triad

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



31.5735, 56.4035, 2.2788



31.5735, -21.4079, 20.8043



31.5735, -20.6443, -62.2072

Complementary

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



31.5726, 56.4070, 2.2778



56.3233, -44.0348, 24.6611

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.



31.5735, -31.5893, -28.5808



31.5726, 56.4070, 2.2778



31.5735, -31.9324, 16.2082

Square

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



31.5735, 56.4035, 2.2788



31.5735, -2.2785, 21.9918



31.5735, -35.0429, 1.1480



31.5735, -1.0899, -76.8978

Rectangle

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



31.5726, 56.4070, 2.2778



31.5735, 31.7517, 20.0811



31.5735, -35.0429, 1.1480



31.5735, -25.2273, -51.9377

Sweetspot

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



31.5735, 56.4035, 2.2788



67.8872, 26.0847, -3.2453



22.5173, 52.4749, -93.3580



30.4455, 14.1125, -1.8731



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



31.5735, 56.4035, 2.2788



42.4650, 75.7659, 3.8488



30.3927, 52.0646, 19.4735



29.2837, 1.6117, 0.7191



27.0659, 48.3954, 1.6425



4.9218, 9.0211, -1.4116

Inverse Universe

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



31.5735, 56.4035, 2.2788



42.4650, 75.7659, 3.8488



58.3699, -31.5823, -4.7785



29.2837, 1.6117, 0.7191



27.0659, 48.3954, 1.6425



4.9218, 9.0211, -1.4116

Previews

White Background



This preview shows how the HunterLab color 31.5726, 56.4070, 2.2778 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 31.5726, 56.4070, 2.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

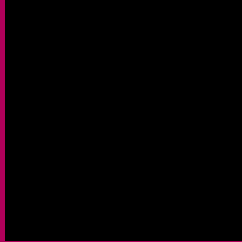
Any Text WCAG AA × Fail

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 31.5726, 56.4070, 2.2778 Background



This preview shows how black text looks on a background with the HunterLab color 31.5726, 56.4070, 2.2778.



This preview shows how white text looks on a background with the HunterLab color 31.5726, 56.4070,

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

31.5726, 56.4070, 2.2778

Protanopia

32.5366, 2.9140, -18.3845

Deuteranopia

32.4762, 2.3071, 5.1117



Tritanopia

32.0521, 45.1705, 17.4537

Trichromacy



Original Color

31.5726, 56.4070, 2.2778

Protanomaly

27.8235, 25.0677, -16.9794

Deuteranomaly

28.7160, 26.2034, -0.0245

Tritanomaly

31.4595, 49.7768, 13.2054

Monochromacy



Original Color

31.5726, 56.4070, 2.2778

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.2299, 22.6882, -2.7167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5726, 56.4070, 2.2778 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(176, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 90)  
}
```

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(176, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5726, 56.4070, 2.2778 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(176, 0, 90) }
```


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

```
.border{ border-color:rgb(176, 0, 90) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(176, 0, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.5726, 56.4070, 2.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 90) }
```

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

```
.background{ background-color: rgb(176, 0,  
90) }
```

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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