

Converting Colors

HunterLab(31.7718, 32.7690,
-56.4659)

Have a look what the booklet for
HunterLab(31.7718, 32.7690,
-56.4659) contains.

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Color

**HunterLab(31.7729, 32.7602,
-56.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	6A42B0
RGB	106, 66, 176
RGB Percent	42%, 26%, 69%
CMY	0.5843, 0.7412, 0.3098
CMYK	0.40, 0.62, 0.00, 0.31
HSL	262°, 45%, 47%
HSV	262°, 62%, 69%
XYZ	15.7285, 10.0952, 42.1938
YIQ	90.5000, -11.4700, 42.6900

Conversions

Conversions Part 2

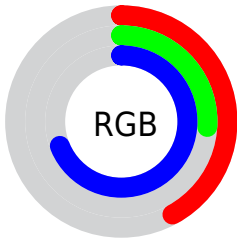
Format	Color
R _{YB}	106, 66, 176
Decimal	6963888
CIE Lab	38.01, 41.69, -52.69
CIE LCh	38, 67.187, 308.357
Yxy	10.0955, 0.2312, 0.1484
Android (android.graphics.Color)	4285153968 (0xFF6A42B0)
YUV	90.5000, 42.1515, 13.5935
Hunter-Lab	31.7729, 32.7602, -56.4950

Details

The HunterLab color $[31.7729, 32.7602, -56.4950]$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $[60.5626, -27.4022, 31.7925]$, and the grayscale version is $[32.0127, -1.7081, 1.7393]$.

A 20% lighter version of the original color is $[50.9886, 35.7870, -56.7280]$, and $[15.8615, 29.0122, -58.5435]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.7558, 38.9471, -69.9556]$, and if you desaturate by 10%, it is $[36.3448, 26.4664, -44.1467]$.

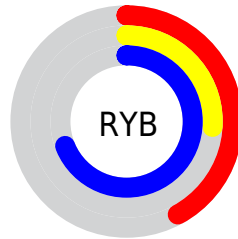
Distribution



Red (42%)

Green (26%)

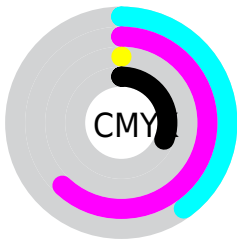
Blue (69%)



Red (42%)

Yellow (26%)

Blue (69%)

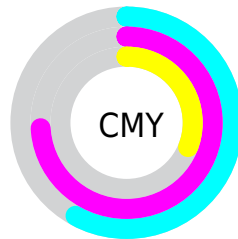


Cyan (40%)

Magenta (62%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (74%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7729, 32.7602, -56.4950 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 31.7729, 32.7602, -56.4950 by changing the saturation by 10% instead.

31.7729, 32.7602,
-56.4950

31.7729, 32.7602,
-56.4950

138.3302, 43.1492,
-62.2312

23.3716, 31.0615,
-57.0219

50.9657, 35.8034,
-57.1190

15.8777, 29.2897,
-59.0142

61.6361, 37.1458,
-57.7701

9.4187, 27.6305,
-64.7684

72.9620, 38.3779,
-58.5043

0.0000, INF, -NF

0.0000, NaN, -NF

84.9076, 39.5079,
-59.2717

0.0000, NaN, -NF

97.4420, 40.5435,
-60.0429

0.0000, NaN, NaN

110.5390, 41.4915,

0.0000, NaN, NaN

-60.8000

0.0000, NaN, NaN

124.1752, 42.3583,
-61.5318

■ 31.7729, 32.7602,
-56.4950

■ 31.7729, 32.7602,
-56.4950

■ 27.7558, 38.9471,
-69.9556

■ 36.3448, 26.4664,
-44.1467

■ 24.4352, 44.4758,
-83.8283

■ 41.3540, 20.3141,
-33.0515

■ 21.9566, 48.4475,
-96.5369

■ 46.7139, 14.3825,
-23.0956

■ 20.5541, 50.4496,
-104.9341

■ 52.3608, 8.6729,
-14.0938

■ 58.2475, 3.1576,
-5.8625

■ 64.3391, -2.1981,
1.7559

■ 70.6090, -7.4274,
8.8889

■ 77.0365, -12.5592,
15.6373

■ 83.6053, -17.6172,
22.0802

Harmonies

Analogous

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



31.7734, 5.3743, -81.0085



31.7729, 32.7602, -56.4950



31.7734, 54.3592, -19.3884

Triad

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



31.7734, 32.7604, -56.4938



31.7734, 17.4131, 21.8383



31.7734, -35.9424, -5.4231

Complementary

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



31.7729, 32.7602, -56.4950



60.5626, -27.4022, 31.7925

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.



31.7734, -34.4810, 14.1332



31.7729, 32.7602, -56.4950



31.7734, -8.1994, 22.2414

Square

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



31.7734, 32.7604, -56.4938



31.7734, 43.8062, 18.7859



31.7734, -25.7815, 20.5644



31.7734, -30.6368, -39.9959

Rectangle

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



31.7729, 32.7602, -56.4950



31.7734, 59.7049, 0.4299



31.7734, -25.7815, 20.5644



31.7734, -36.1846, 2.9764

Sweetspot

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



31.7734, 32.7604, -56.4938



72.9936, 9.3017, -15.3686



47.2513, -10.5350, -22.6078



32.9614, 5.3069, -8.6364



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.



31.7734, 32.7604, -56.4938



35.5520, 55.4517, -101.3578



38.0176, 47.0100, -39.8081



28.9406, 0.6951, -1.6302



17.6927, 43.2981, -89.3320



3.6360, 8.2169, -13.0780

Inverse Universe

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



38.6060, 44.7784, -11.1984



47.4240, 71.0309, -15.1835



57.6719, -38.9244, 29.5567



29.3142, 1.7752, 0.2856



27.6444, 50.4882, -6.5267



5.0118, 9.3428, -2.6532

Previews

White Background



This preview shows how the HunterLab color 31.7729, 32.7602, -56.4950 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 × Fail

Black Background



This preview shows how the HunterLab color 31.7729, 32.7602, -56.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

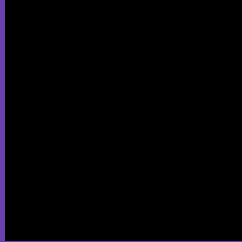
Any Text WCAG AA × Fail

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 31.7729, 32.7602, -56.4950 Background



This preview shows how black text looks on a background with the HunterLab color 31.7729, 32.7602, -56.4950.



This preview shows how white text looks on a background with the HunterLab color 31.7729, 32.7602, -56.4950.

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

31.7729, 32.7602, -56.4950

Protanopia

31.7403, 11.2368, -63.9297

Deuteranopia

31.9255, 1.0053, -42.0742



Tritanopia

31.7238, -0.8916, -1.1499

Trichromacy



Original Color

31.7729, 32.7602, -56.4950

Protanomaly

30.5264, 15.9928, -64.7765

Deuteranomaly

30.6121, 9.4790, -50.8443

Tritanomaly

31.3024, 10.0198, -17.2856

Monochromacy



Original Color

31.7729, 32.7602, -56.4950

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.5064, 9.1902, -15.0741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7729, 32.7602, -56.4950 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(106, 66, 176)` looks like.

```
.text, #text, p{  
    color:rgb(106, 66, 176)  
}
```

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(106, 66, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 66, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7729, 32.7602, -56.4950 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(106, 66, 176) }
```


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

```
.border{ border-color:rgb(106, 66, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 66, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 66, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 66, 176);  
box-shadow:4px 4px 4px 4px rgb(106, 66,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7729, 32.7602, -56.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 66, 176) }
```

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

```
.background{ background-color: rgb(106, 66,  
176) }
```

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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