

Converting Colors

HunterLab(29.9663, 32.9630,
-55.1984)

Have a look what the booklet for
HunterLab(29.9663, 32.9630,
-55.1984) contains.

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Color

**HunterLab(29.9664, 33.1610,
-55.2213)**

Conversions

Conversions Part 1

Format	Color
Hex	673CA9
RGB	103, 60, 169
RGB Percent	40%, 24%, 66%
CMY	0.5961, 0.7647, 0.3373
CMYK	0.39, 0.64, 0.00, 0.34
HSL	264°, 48%, 45%
HSV	264°, 64%, 66%
XYZ	14.3708, 8.9799, 38.5119
YIQ	85.2830, -9.3610, 43.0150

Conversions

Conversions Part 2

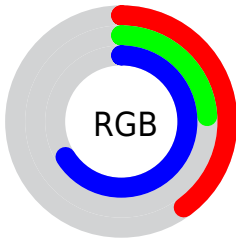
Format	Color
R _{YB}	103, 60, 169
Decimal	6765737
CIE _{Lab}	35.95, 42.47, -51.88
CIE _{LCh}	36, 67.044, 309.303
Yxy	8.9802, 0.2323, 0.1452
Android (android.graphics.Color)	4284955817 (0xFF673CA9)
YUV	85.2830, 41.2725, 15.5378
Hunter-Lab	29.9664, 33.1610, -55.2213

Details

The HunterLab color **29.9664, 33.1610, -55.2213** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **57.5654, -27.5366, 30.5863**, and the grayscale version is **30.1004, -1.6061, 1.6354**.

A 20% lighter version of the original color is **48.8438, 36.0980, -55.7396**, and **14.4304, 29.5843, -58.4778** is the 20% darker color. If you saturate the color by 10%, you get **26.2962, 38.9683, -67.7473**, and if you desaturate by 10%, it is **34.1831, 27.1176, -43.5677**.

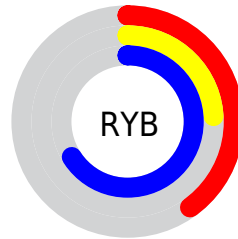
Distribution



Red (40%)

Green (24%)

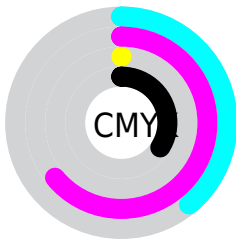
Blue (66%)



Red (40%)

Yellow (24%)

Blue (66%)

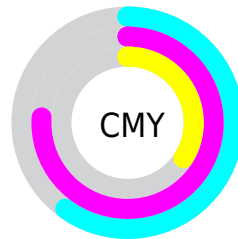


Cyan (39%)

Magenta (64%)

Yellow (0%)

Black (34%)



Cyan (60%)

Magenta (76%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9664, 33.1610, -55.2213 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 29.9664, 33.1610, -55.2213 by changing the saturation by 10% instead.

29.9664, 33.1610,
-55.2213

29.9664, 33.1610,
-55.2213

135.3624, 43.9859,
-60.8167

21.7445, 31.4175,
-55.8781

48.8454, 36.3107,
-55.7586

14.4524, 29.6295,
-58.2049

59.3752, 37.7059,
-56.3941

8.1134, 28.8755,
-66.1458

70.5688, 38.9890,
-57.1186

0.0000, INF, -NF

0.0000, NaN, -NF

82.3889, 40.1680,
-57.8791

0.0000, NaN, -NF

94.8039, 41.2505,
-58.6447

0.0000, NaN, NaN

107.7866, 42.2435,

0.0000, NaN, NaN

-59.3964

0.0000, NaN, NaN

121.3131, 43.1534,
-60.1228

■ 29.9664, 33.1610,
-55.2213

■ 29.9664, 33.1610,
-55.2213

■ 26.2962, 38.9683,
-67.7473

■ 34.1831, 27.1176,
-43.5677

■ 23.3031, 43.9532,
-80.3747

■ 38.8333, 21.1327,
-33.0109

■ 21.1091, 47.2618,
-91.5947

■ 43.8317, 15.3197,
-23.4973

■ 20.1156, 48.6887,
-97.3895

■ 49.1146, 9.7013,
-14.8789

■ 54.6348, 4.2623,
-6.9942

■ 60.3571, -1.0250,
0.3012

■ 66.2547, -6.1899,
7.1270

■ 72.3067, -11.2589,
13.5789

■ 78.4967, -16.2544,
19.7329

Harmonies

Analogous

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



29.9669, 6.1451, -80.7128



29.9664, 33.1610, -55.2213



29.9669, 54.2062, -18.1442

Triad

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



29.9669, 33.1612, -55.2201



29.9669, 16.3091, 20.9768



29.9669, -34.6642, -6.2758

Complementary

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



29.9664, 33.1610, -55.2213



57.5654, -27.5366, 30.5863

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.



29.9669, -33.4738, 13.2818



29.9664, 33.1610, -55.2213



29.9669, -8.6316, 20.9768

Square

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



29.9669, 33.1612, -55.2201



29.9669, 42.5602, 18.1640



29.9669, -25.3891, 19.5802



29.9669, -29.3847, -40.9980

Rectangle

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



29.9664, 33.1610, -55.2213



29.9669, 59.1037, 1.0976



29.9669, -25.3891, 19.5802



29.9669, -34.9590, 2.1551

Sweetspot

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



29.9669, 33.1612, -55.2201



69.5011, 9.2017, -14.3611



43.6580, -8.3571, -24.2208



31.5051, 5.2317, -8.0693



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



29.9669, 33.1612, -55.2201



33.5188, 54.9270, -97.2959



36.3217, 47.2209, -38.0646



27.2755, 0.7049, -1.4800



17.4499, 42.1179, -83.5632



3.2230, 7.1311, -10.4102

Inverse Universe

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



36.2949, 43.4217, -9.1185



44.4015, 67.7727, -11.5120



54.8705, -38.3459, 28.5202



27.5966, 1.6058, 0.3799



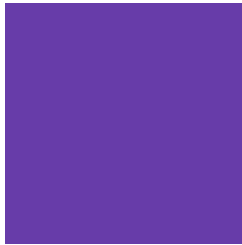
26.4899, 48.1225, -4.2610



4.2470, 7.9185, -2.2593

Previews

White Background



This preview shows how the HunterLab color 29.9664, 33.1610, -55.2213 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 29.9664, 33.1610, -55.2213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

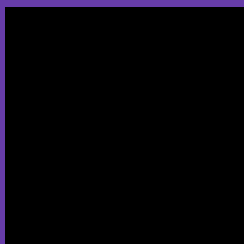
Any Text WCAG AA × Fail

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 29.9664, 33.1610, -55.2213 Background



This preview shows how black text looks on a background with the HunterLab color 29.9664, 33.1610, -55.2213.



This preview shows how white text looks on a background with the HunterLab color 29.9664, 33.1610, -55.2213.

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

29.9664, 33.1610, -55.2213

Deuteranopia

30.0845, 0.7169, -39.1505

Tritanopia

30.0953, -0.1550, -0.5144

Trichromacy



Original Color

29.9664, 33.1610, -55.2213

Deuteranomaly

28.5827, 9.8602, -49.3149

Tritanomaly

29.3928, 10.8675, -16.9030

Monochromacy



Original Color

29.9664, 33.1610, -55.2213

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

29.5045, 9.7767, -14.8517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9664, 33.1610, -55.2213 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(103, 60, 169)` looks like.

```
.text, #text, p{  
    color:rgb(103, 60, 169)  
}
```

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(103, 60, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 60, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9664, 33.1610, -55.2213 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(103, 60, 169) }
```

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

```
.border{ border-color:rgb(103, 60, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 60, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 60, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 60, 169);  
box-shadow:4px 4px 4px 4px rgb(103, 60,  
169) }
```


Background

The CSS property to change the background color of an element to HunterLab 29.9664, 33.1610, -55.2213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 60, 169) }
```

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

```
.background{ background-color: rgb(103, 60,  
169) }
```

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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