

Converting Colors

HunterLab(30.6730, 23.8410,
-28.3621)

Have a look what the booklet for
HunterLab(30.6730, 23.8410,
-28.3621) contains.

HunterLab(30.6712, 24.0564, -28.6411)	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(30.6712, 24.0564,
-28.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	6F448C
RGB	111, 68, 140
RGB Percent	44%, 27%, 55%
CMY	0.5647, 0.7333, 0.4510
CMYK	0.21, 0.51, 0.00, 0.45
HSL	276°, 35%, 41%
HSV	276°, 51%, 55%
XYZ	13.3563, 9.4072, 25.9228
YIQ	89.0650, 2.5160, 31.5080

Conversions

Conversions Part 2

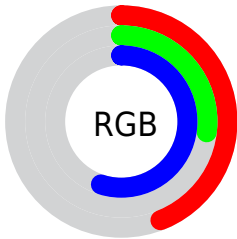
Format	Color
R _Y B	111, 68, 140
Decimal	7292044
CIE Lab	36.76, 32.55, -33.00
CIE LCh	37, 46.347, 314.608
Yxy	9.4076, 0.2743, 0.1932
Android (android.graphics.Color)	4285482124 (0xFF6F448C)
YUV	89.0650, 25.1110, 19.2370
Hunter-Lab	30.6712, 24.0564, -28.6411

Details

The HunterLab color $[30.6712, 24.0564, -28.6411]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[46.5995, -22.7450, 21.3576]$, and the grayscale version is $[31.5412, -1.6830, 1.7137]$.

A 20% lighter version of the original color is $[49.7438, 26.0755, -29.7254]$, and $[14.9990, 21.3050, -27.7446]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.4905, 29.2987, -36.0588]$, and if you desaturate by 10%, it is $[34.1840, 18.7080, -21.6418]$.

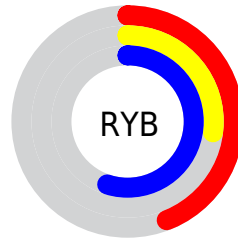
Distribution



Red (44%)

Green (27%)

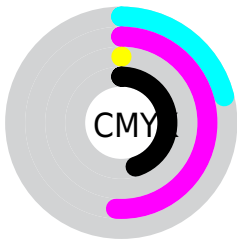
Blue (55%)



Red (44%)

Yellow (27%)

Blue (55%)

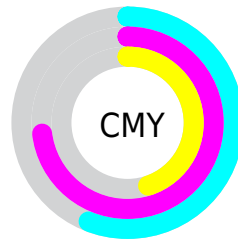


Cyan (21%)

Magenta (51%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6712, 24.0564, -28.6411 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 30.6712, 24.0564, -28.6411 by changing the saturation by 10% instead.

30.6712, 24.0564,
-28.6411

30.6712, 24.0564,
-28.6411

136.5248, 31.4409,
-32.9784

22.3785, 22.6809,
-28.1585

49.6741, 26.4033,
-29.8406

15.0065, 21.1749,
-28.0139

60.2593, 27.3968,
-30.4298

8.6493, 19.8513,
-29.1081

71.5050, 28.2849,
-30.9801

0.0000, INF, -NF

0.0000, NaN, -NF

83.3745, 29.0774,
-31.4828

0.0000, NaN, NaN

95.8366, 29.7826,
-31.9344

0.0000, NaN, NaN

108.8642, 30.4076,

0.0000, NaN, NaN

-32.3339

0.0000, NaN, NaN

122.4339, 30.9586,
-32.6816

■ 30.6712, 24.0564,
-28.6411

■ 30.6712, 24.0564,
-28.6411

■ 27.4905, 29.2987,
-36.0588

■ 34.1840, 18.7080,
-21.6418

■ 24.7079, 34.1893,
-43.7142

■ 37.9706, 13.3859,
-15.1103

■ 22.3976, 38.3319,
-51.2065

■ 41.9865, 8.1481,
-9.0217

■ 20.6228, 41.2209,
-57.9018

■ 46.1967, 3.0128,
-3.3242

■ 19.3919, 42.9731,
-63.1578

■ 50.5737, -2.0217,
2.0406

■ 55.0958, -6.9658,
7.1280

■ 59.7460, -11.8330,
11.9863

■ 64.5106, -16.6370,
16.6566

■ 69.3784, -21.3906,
21.1728

Harmonies

Analogous

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



30.6718, 6.8055, -44.4332



30.6712, 24.0564, -28.6411



30.6718, 35.4604, -7.4996

Triad

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



30.6718, 24.0559, -28.6401



30.6718, 7.2721, 18.8629



30.6718, -26.7540, -6.9866

Complementary

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



30.6712, 24.0564, -28.6411



46.5995, -22.7450, 21.3576

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.



30.6718, -26.6812, 8.6657



30.6712, 24.0564, -28.6411



30.6718, -9.2571, 18.8906

Square

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



30.6718, 24.0559, -28.6401



30.6718, 24.4593, 16.2262



30.6718, -20.9364, 16.3462



30.6718, -21.1622, -28.0976

Rectangle

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



30.6712, 24.0564, -28.6411



30.6718, 36.9553, 4.0027



30.6718, -20.9364, 16.3462



30.6718, -27.3461, -0.8627

Sweetspot

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



30.6718, 24.0559, -28.6401



59.1375, 6.6358, -7.2993



34.4357, -0.7262, -21.5125



27.8872, 3.7947, -4.1791



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



30.6718, 24.0559, -28.6401



35.7639, 40.1721, -49.7771



33.8102, 31.5637, -18.1657



22.4281, 0.8807, -0.9839



18.3111, 40.5460, -59.3894



1.7559, 3.6435, -3.7994

Inverse Universe

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



32.5163, 25.6609, -0.1361



39.0852, 42.2190, 0.6693



45.2546, -27.9256, 18.9084



22.5384, 1.0352, 0.8548



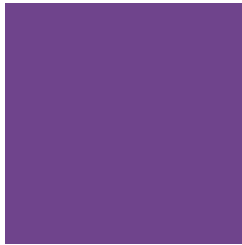
22.8361, 40.2495, 5.9031



1.9342, 3.5451, -0.5542

Previews

White Background



This preview shows how the HunterLab color 30.6712, 24.0564, -28.6411 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 30.6712, 24.0564, -28.6411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

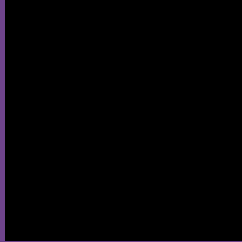
Any Text WCAG AA × Fail

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 30.6712, 24.0564, -28.6411 Background



This preview shows how black text looks on a background with the HunterLab color 30.6712, 24.0564, -28.6411.



This preview shows how white text looks on a background with the HunterLab color 30.6712, 24.0564, -28.6411.

-28.6411.

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

30.6712, 24.0564, -28.6411

Protanopia

31.0712, 7.1958, -40.7457

Deuteranopia

30.9106, 2.0115, -25.5956



Tritanopia

30.6558, 5.4077, 1.5456

Trichromacy



Original Color

30.6712, 24.0564, -28.6411

Protanomaly

30.4135, 12.0704, -37.2981

Deuteranomaly

30.3409, 9.3144, -27.3891

Tritanomaly

30.3525, 11.6415, -7.7288

Monochromacy



Original Color

30.6712, 24.0564, -28.6411

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

30.8366, 7.2731, -8.1496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.6712, 24.0564, -28.6411 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(111, 68, 140)` looks like.

```
.text, #text, p{  
    color:rgb(111, 68, 140)  
}
```

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(111, 68, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 68, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6712, 24.0564, -28.6411 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(111, 68, 140) }
```


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

```
.border{ border-color:rgb(111, 68, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 68, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 68, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 68, 140);  
box-shadow:4px 4px 4px 4px rgb(111, 68,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.6712, 24.0564, -28.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 68, 140) }
```

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

```
.background{ background-color: rgb(111, 68,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor