

Converting Colors

HunterLab(36.6152, 3.1252,
-29.0364)

Have a look what the booklet for
HunterLab(36.6152, 3.1252,
-29.0364) contains.

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Color

**HunterLab(36.7064, 2.9581,
-28.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	4C669D
RGB	76, 102, 157
RGB Percent	30%, 40%, 62%
CMY	0.7019, 0.6000, 0.3843
CMYK	0.52, 0.35, 0.00, 0.38
HSL	221°, 35%, 46%
HSV	221°, 52%, 62%
XYZ	13.8177, 13.4736, 33.7707
YIQ	100.4960, -33.1510, 11.5930

Conversions

Conversions Part 2

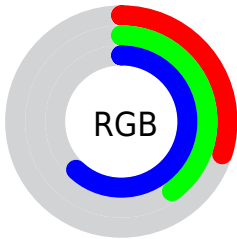
Format	Color
RYB	76, 96, 157
Decimal	5007005
CIELab	43.47, 6.58, -32.85
CIELCh	43, 33.501, 281.324
Yxy	13.4741, 0.2263, 0.2207
Android (android.graphics.Color)	4283197085 (0xFF4C669D)
YUV	100.4960, 27.8565, -21.4830
Hunter-Lab	36.7064, 2.9581, -28.8537

Details

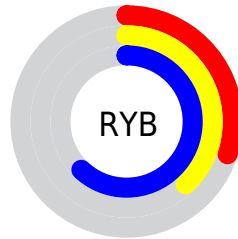
The HunterLab color $36.7064, 2.9581, -28.8537$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $48.9116, -0.4680, 21.8417$, and the grayscale version is $35.7932, -1.9098, 1.9447$.

A 20% lighter version of the original color is $56.8170, 2.6140, -29.9423$, and $19.9184, 2.7377, -27.4600$ is the 20% darker color. If you saturate the color by 10%, you get $33.0833, 5.4364, -36.6858$, and if you desaturate by 10%, it is $40.5333, 1.0136, -21.6654$.

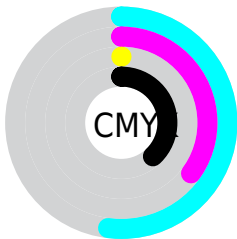
Distribution



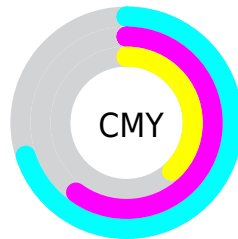
- Red (30%)
- Green (40%)
- Blue (62%)



- Red (30%)
- Yellow (38%)
- Blue (62%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7064, 2.9581, -28.8537 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 36.7064, 2.9581, -28.8537 by changing the saturation by 10% instead.

■ 36.7064, 2.9581,
-28.8537

■ 36.7064, 2.9581,
-28.8537

■ 146.2648, -0.1330,
-32.9434

■ 27.8492, 3.0218,
-28.2834

■ 56.7035, 2.6211,
-30.0577

■ 19.8471, 2.9990,
-27.8714

■ 67.7364, 2.3640,
-30.6192

■ 12.8045, 2.8691,
-27.9343

■ 79.4045, 2.0555,
-31.1349

■ 6.1971, 4.2945,
-33.8100

■ 91.6748, 1.6998,
-31.6001

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.5192, 1.3005,
-32.0131

0.0000, NaN, NaN

117.9131, 0.8604,

0.0000, NaN, NaN

-32.3740

0.0000, NaN, NaN

131.8347, 0.3818,
-32.6837

■ 36.7064, 2.9581,
-28.8537

■ 36.7064, 2.9581,
-28.8537

■ 33.0833, 5.4364,
-36.6858

■ 40.5333, 1.0136,
-21.6654

■ 29.6997, 8.5444,
-45.2294

■ 44.5326, -0.4872,
-15.0371

■ 26.6024, 12.3670,
-54.4851

■ 48.6814, -1.6208,
-8.8811

■ 23.8461, 16.9355,
-64.3210

■ 52.9612, -2.4504,
-3.1189

■ 21.7928, 21.1909,
-72.9843

■ 57.3572, -3.0270,
2.3168

■ 61.8574, -3.3918,
7.4822

■ 66.4520, -3.5776,
12.4241

■ 71.1328, -3.6111,
17.1807

■ 75.8931, -3.5139,
21.7832

Harmonies

Analogous

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



36.7071, -9.4565, -27.5201



36.7064, 2.9581, -28.8537



36.7071, 15.5941, -20.0755

Triad

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



36.7071, 2.9582, -28.8528



36.7071, 18.2350, 14.2646



36.7071, -22.3464, 8.6847

Complementary

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



36.7064, 2.9581, -28.8537



48.9116, -0.4680, 21.8417

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.



36.7071, -16.7324, 15.5115



36.7064, 2.9581, -28.8537



36.7071, 6.1898, 17.8943

Square

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



36.7071, 2.9582, -28.8528



36.7071, 25.1804, 6.2727



36.7071, -6.6332, 18.2560



36.7071, -22.9654, -2.8619

Rectangle

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



36.7064, 2.9581, -28.8537



36.7071, 22.0122, -10.9864



36.7071, -6.6332, 18.2560



36.7071, -21.0206, 11.4876

Sweetspot

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



36.7071, 2.9582, -28.8528



68.7372, -2.9114, -6.9707



52.2136, -26.1894, 7.7332



31.7196, -1.2655, -3.9731



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



36.7071, 2.9582, -28.8528



43.5241, 7.8822, -50.8627



31.2292, 18.7335, -40.9897



26.0107, -1.2559, -0.8775



19.7945, 18.6841, -65.0750



3.7677, 0.1188, -4.9658

Inverse Universe

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



36.4650, 28.6443, 2.5316



44.1916, 47.3525, 5.0155



55.2454, -16.6259, 26.4120



25.8447, 1.1597, 1.2117



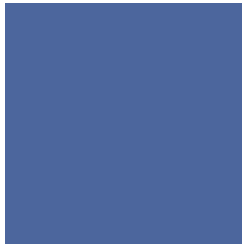
24.5311, 42.8091, 9.6594



3.3891, 6.1214, -0.2716

Previews

White Background



This preview shows how the HunterLab color 36.7064, 2.9581, -28.8537 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 36.7064, 2.9581, -28.8537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

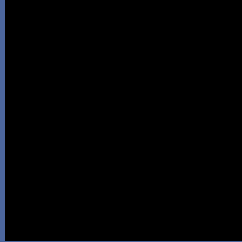
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

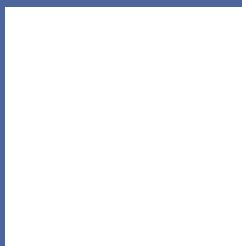
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 36.7064, 2.9581, -28.8537 Background



This preview shows how black text looks on a background with the HunterLab color 36.7064, 2.9581, -28.8537.



This preview shows how white text looks on a background with the HunterLab color 36.7064, 2.9581, -28.8537.

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

36.7064, 2.9581, -28.8537

Protanopia

36.8058, 4.5620, -27.9070

Deuteranopia

36.6509, 2.7726, -28.9690



Tritanopia

36.7975, -11.2513, -5.6434

Trichromacy



Original Color

36.7064, 2.9581, -28.8537

Protanomaly

36.6239, 3.9603, -28.2812

Deuteranomaly

36.6509, 2.7726, -28.9690

Tritanomaly

36.6576, -6.3257, -13.4131

Monochromacy



Original Color

36.7064, 2.9581, -28.8537

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.9332, -1.1900, -7.7261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7064, 2.9581, -28.8537 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(76, 102, 157)` looks like.

```
.text, #text, p{  
    color:rgb(76, 102, 157)  
}
```

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(76, 102, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 102, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7064, 2.9581, -28.8537 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(76, 102, 157) }
```


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

```
.border{ border-color:rgb(76, 102, 157) }
```

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

Here you see how a box with a 4 pixel rgb(76, 102, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 102, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 102, 157);  
box-shadow:4px 4px 4px 4px rgb(76, 102,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7064, 2.9581, -28.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 102, 157) }
```

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

```
.background{ background-color: rgb(76, 102,  
157) }
```

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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