

Converting Colors

HunterLab(29.6745, 7.0720,
-37.5707)

Have a look what the booklet for
HunterLab(29.6745, 7.0720,
-37.5707) contains.

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Color

**HunterLab(29.6770, 7.0643,
-37.5630)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 365194 |
| RGB | 54, 81, 148 |
| RGB Percent | 21%, 32%, 58% |
| CMY | 0.7882, 0.6823, 0.4196 |
| CMYK | 0.64, 0.45, 0.00, 0.42 |
| HSL | 223°, 47%, 40% |
| HSV | 223°, 64%, 58% |
| XYZ | 9.8090, 8.8072, 29.1999 |
| YIQ | 80.5650, -37.5990, 15.1130 |

Conversions

Conversions Part 2

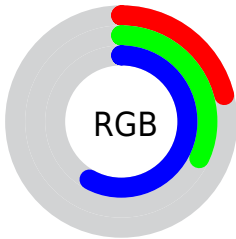
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 54, 75, 148 |
| Decimal | 3559828 |
| CIELab | 35.61, 12.07, -39.99 |
| CIElCh | 36, 41.773, 286.798 |
| Yxy | 8.8075, 0.2051, 0.1842 |
| Android (android.graphics.Color) | 4281749908 (0xFF365194) |
| YUV | 80.5650, 33.2455, -23.2975 |
| Hunter-Lab | 29.6770, 7.0643, -37.5630 |

Details

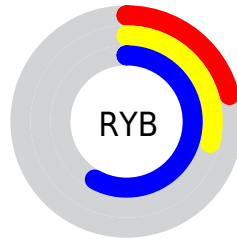
The HunterLab color **29.6770, 7.0643, -37.5630** is a dark color, and the websafe version is hex **666699**, and the color name is **chinese blue**. A complement of this color would be **44.9869, -0.4946, 23.1116**, and the grayscale version is **28.4215, -1.5165, 1.5442**.

A 20% lighter version of the original color is **48.5717, 7.5817, -38.9054**, and **14.7858, 8.1597, -36.0955** is the 20% darker color. If you saturate the color by 10%, you get **26.4773, 10.3504, -46.2417**, and if you desaturate by 10%, it is **33.1253, 4.3993, -29.6585**.

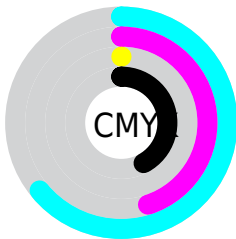
Distribution



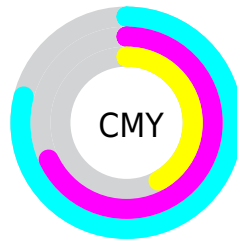
- Red (21%)
- Green (32%)
- Blue (58%)



- Red (21%)
- Yellow (29%)
- Blue (58%)



- Cyan (64%)
- Magenta (45%)
- Yellow (0%)
- Black (42%)



- Cyan (79%)
- Magenta (68%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6770, 7.0643, -37.5630 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 29.6770, 7.0643, -37.5630 by changing the saturation by 10% instead.

■ 29.6770, 7.0643,
-37.5630

■ 29.6770, 7.0643,
-37.5630

■ 134.8835, 6.6439,
-42.8351

■ 21.4845, 6.7192,
-37.3541

■ 48.5046, 7.4473,
-38.7049

■ 14.2256, 6.2405,
-37.9014

■ 59.0115, 7.5135,
-39.3750

■ 7.8815, 6.2703,
-41.6840

■ 70.1835, 7.5096,
-40.0418

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.9831, 7.4426,
-40.6835

0.0000, NaN, NaN

■ 94.3786, 7.3183,
-41.2884

0.0000, NaN, NaN

0.0000, NaN, NaN

107.3427, 7.1413,

-41.8503

0.0000, NaN, NaN

120.8513, 6.9154,
-42.3663

■ 29.6770, 7.0643,
-37.5630

■ 29.6770, 7.0643,
-37.5630

■ 26.4773, 10.3504,
-46.2417

■ 33.1253, 4.3993,
-29.6585

■ 23.5771, 14.3292,
-55.6767

■ 36.7792, 2.2593,
-22.4623

■ 21.0389, 18.9974,
-65.6590

■ 40.6073, 0.5540,
-15.8757

■ 19.5709, 22.2205,
-72.4296

■ 44.5844, -0.7947,
-9.7994

■ 48.6912, -1.8511,
-4.1448

■ 52.9123, -2.6666,
1.1635

■ 57.2355, -3.2822,
6.1879

■ 61.6508, -3.7306,
10.9793

■ 66.1500, -4.0379,
15.5790

Harmonies

Analogous

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



29.6775, -7.7892, -38.4876



29.6770, 7.0643, -37.5630



29.6775, 22.0496, -23.4273

Triad

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



29.6775, 7.0648, -37.5622



29.6775, 20.4349, 15.3209



29.6775, -24.4586, 7.1406

Complementary

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



29.6770, 7.0643, -37.5630



44.9869, -0.4946, 23.1116

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.



29.6775, -19.5597, 14.7863



29.6770, 7.0643, -37.5630



29.6775, 5.1746, 17.7074

Square

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



29.6775, 7.0648, -37.5622



29.6775, 30.7420, 8.4030



29.6775, -9.3453, 17.5764



29.6775, -24.1499, -7.2879

Rectangle

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



29.6770, 7.0643, -37.5630



29.6775, 29.2427, -11.1019



29.6775, -9.3453, 17.5764



29.6775, -23.4143, 10.4007

Sweetspot

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



29.6775, 7.0648, -37.5622



61.4563, -1.6782, -9.8524



48.2862, -27.2400, 7.5355



28.6852, -0.6169, -5.6599



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



29.6775, 7.0648, -37.5622



33.5744, 15.7529, -66.3338



24.8712, 23.9215, -51.0452



24.2656, -1.0713, -0.8744



18.2032, 20.2080, -66.3756



2.9317, 0.2081, -4.1136

Inverse Universe

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



30.8688, 32.8185, 4.6436



37.0860, 51.9079, 9.1238



51.1168, -18.4276, 27.1265



24.1685, 1.0237, 1.2263



23.5114, 40.9026, 10.2424



2.6878, 4.8417, -0.1147

Previews

White Background



This preview shows how the HunterLab color 29.6770, 7.0643, -37.5630 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 29.6770, 7.0643, -37.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

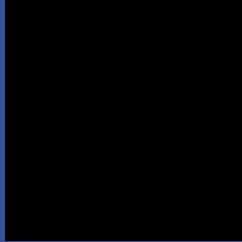
Any Text WCAG AA × Fail

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 29.6770, 7.0643, -37.5630 Background



This preview shows how black text looks on a background with the HunterLab color 29.6770, 7.0643, -37.5630.



This preview shows how white text looks on a background with the HunterLab color 29.6770, 7.0643, -37.5630.

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

29.6770, 7.0643, -37.5630

Protanopia

29.5855, 6.7724, -37.7975

Deuteranopia

29.7497, 1.9016, -36.6483



Tritanopia

29.6448, -12.5518, -5.5616

Trichromacy



Original Color

29.6770, 7.0643, -37.5630

Protanomaly

29.6308, 6.9170, -37.6813

Deuteranomaly

29.7331, 3.1970, -36.6667

Tritanomaly

29.4230, -6.2111, -15.8917

Monochromacy



Original Color

29.6770, 7.0643, -37.5630

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.7130, 0.0500, -9.9031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6770, 7.0643, -37.5630 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(54, 81, 148)` looks like.

```
.text, #text, p{  
    color:rgb(54, 81, 148)  
}
```

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(54, 81, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 81, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6770, 7.0643, -37.5630 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(54, 81, 148) }
```


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

```
.border{ border-color:rgb(54, 81, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 81, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 81, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 81, 148);  
box-shadow:4px 4px 4px 4px rgb(54, 81,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.6770, 7.0643, -37.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 81, 148) }
```

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

```
.background{ background-color: rgb(54, 81,  
148) }
```

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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