

Converting Colors

HunterLab(30.4216, 3.1991,
-35.8026)

Have a look what the booklet for
HunterLab(30.4216, 3.1991,
-35.8026) contains.

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Color

**HunterLab(30.4728, 3.0698,
-35.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5694
RGB	42, 86, 148
RGB Percent	16%, 34%, 58%
CMY	0.8353, 0.6627, 0.4196
CMYK	0.72, 0.42, 0.00, 0.42
HSL	215°, 56%, 37%
HSV	215°, 72%, 58%
XYZ	9.6279, 9.2859, 29.3019
YIQ	79.9120, -46.1260, 9.9540

Conversions

Conversions Part 2

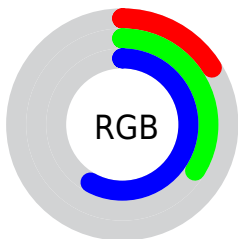
Format	Color
R_{YB}	42, 73, 148
Decimal	2774676
CIE _{Lab}	36.53, 6.66, -38.56
CIE _{LCh}	37, 39.128, 279.801
Yxy	9.2862, 0.1997, 0.1926
Android (android.graphics.Color)	4280964756 (0xFF2A5694)
YUV	79.9120, 33.5674, -33.2488
Hunter-Lab	30.4728, 3.0698, -35.6808

Details

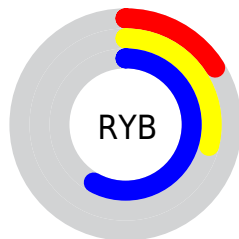
The HunterLab color **30.4728, 3.0698, -35.6808** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40.4536, 6.7849, 21.8348**, and the grayscale version is **28.1867, -1.5040, 1.5314**.

A 20% lighter version of the original color is **49.4029, 3.1883, -37.3097**, and **15.8713, 5.8036, -32.3661** is the 20% darker color. If you saturate the color by 10%, you get **27.8028, 5.7937, -42.5138**, and if you desaturate by 10%, it is **33.3545, 0.9421, -29.2332**.

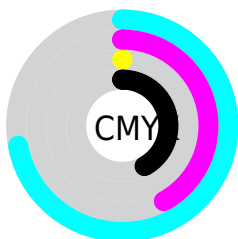
Distribution



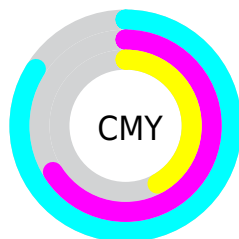
- Red (16%)
- Green (34%)
- Blue (58%)



- Red (16%)
- Yellow (29%)
- Blue (58%)



- Cyan (72%)
- Magenta (42%)
- Yellow (0%)
- Black (42%)



- Cyan (84%)
- Magenta (66%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4728, 3.0698, -35.6808 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 30.4728, 3.0698, -35.6808 by changing the saturation by 10% instead.

■ 30.4728, 3.0698,
-35.6808

■ 30.4728, 3.0698,
-35.6808

■ 136.1980, 0.3225,
-40.8055

■ 22.1999, 3.0705,
-35.3696

■ 49.4409, 2.8354,
-36.8699

■ 14.8502, 2.9704,
-35.6700

■ 60.0106, 2.6212,
-37.5301

■ 8.5022, 2.9598,
-38.0590

■ 71.2417, 2.3518,
-38.1763

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.0973, 2.0323,
-38.7909

0.0000, NaN, NaN

■ 95.5462, 1.6665,
-39.3647

0.0000, NaN, NaN

■ 108.5612, 1.2579,

0.0000, NaN, NaN

-39.8928

0.0000, NaN, NaN

122.1188, 0.8091,
-40.3733

■ 30.4728, 3.0698,
-35.6808

■ 30.4728, 3.0698,
-35.6808

■ 27.8028, 5.7937,
-42.5138

■ 33.3545, 0.9421,
-29.2332

■ 25.3713, 9.1515,
-49.6791

■ 36.4198, -0.6556,
-23.1806

■ 23.4983, 12.3340,
-55.9964

■ 39.6460, -1.7927,
-17.5009

■ 43.0134, -2.5358,
-12.1588

■ 46.5055, -2.9434,
-7.1143

■ 50.1085, -3.0654,
-2.3278

■ 53.8112, -2.9438,
2.2369

■ 57.6039, -2.6132,
6.6123

■ 61.4787, -2.1024,
10.8263

Harmonies

Analogous

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



30.4733, -10.3411, -33.2832



30.4728, 3.0698, -35.6808



30.4733, 17.4973, -25.1511

Triad

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



30.4733, 3.0703, -35.6800



30.4733, 21.8194, 13.8823



30.4733, -22.9231, 9.2146

Complementary

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



30.4728, 3.0698, -35.6808



40.4536, 6.7849, 21.8348

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.



30.4733, -16.9568, 15.4651



30.4728, 3.0698, -35.6808



30.4733, 8.1904, 17.1968

Square

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



30.4733, 3.0703, -35.6800



30.4733, 29.5371, 5.6875



30.4733, -6.0571, 17.6053



30.4733, -23.7971, -3.0083

Rectangle

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



30.4728, 3.0698, -35.6808



30.4733, 25.1698, -14.1555



30.4733, -6.0571, 17.6053



30.4733, -21.5053, 11.8988

Sweetspot

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



30.4733, 3.0703, -35.6800



61.8677, -3.9165, -9.3209



47.6114, -30.6997, 12.5456



29.0005, -1.8258, -5.2333



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.



30.4733, 3.0703, -35.6800



34.9209, 10.3154, -62.2331



21.1994, 26.3097, -64.8342



24.5048, -1.4690, -0.5797



21.8354, 11.1354, -51.3304



3.3802, -0.5377, -3.0642

Inverse Universe

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



29.3670, 38.0842, 0.9873



35.6502, 57.7950, 4.9568



51.8175, -15.9859, 29.1428



24.1928, 1.1546, 0.8792



23.8216, 42.0417, 5.7300



2.7404, 5.0316, -0.8536

Previews

White Background



This preview shows how the HunterLab color 30.4728, 3.0698, -35.6808 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 30.4728, 3.0698, -35.6808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

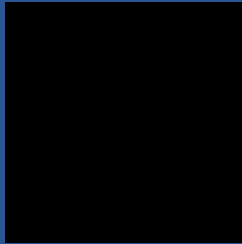
Any Text WCAG AA × Fail

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 30.4728, 3.0698, -35.6808 Background



This preview shows how black text looks on a background with the HunterLab color 30.4728, 3.0698, -35.6808.



This preview shows how white text looks on a background with the HunterLab color 30.4728, 3.0698, -35.6808.

-35.6808.

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

30.4728, 3.0698, -35.6808

Protanopia

30.5709, 5.8374, -33.8012

Deuteranopia

30.5742, 2.0545, -35.4553



Tritanopia

30.2716, -14.4091, -6.7318

Trichromacy



Original Color

30.4728, 3.0698, -35.6808

Protanomaly

30.5949, 4.7038, -34.5587

Deuteranomaly

30.6363, 2.2629, -35.3032

Tritanomaly

30.1459, -9.2113, -15.9110

Monochromacy



Original Color

30.4728, 3.0698, -35.6808

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.6579, -1.4816, -10.0169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4728, 3.0698, -35.6808 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(42, 86, 148)` looks like.

```
.text, #text, p{  
    color:rgb(42, 86, 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(42, 86, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 86, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4728, 3.0698, -35.6808 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(42, 86, 148) }
```


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

```
.border{ border-color:rgb(42, 86, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 86, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 86, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 86, 148);  
box-shadow:4px 4px 4px 4px rgb(42, 86,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.4728, 3.0698, -35.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 86, 148) }
```

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

```
.background{ background-color: rgb(42, 86,  
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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