

Converting Colors

HunterLab(34.3248, 0.8429,
-34.7099)

Have a look what the booklet for
HunterLab(34.3248, 0.8429,
-34.7099) contains.

HunterLab(34.3632, 0.6999, -34.6258)	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(34.3632, 0.6999,
-34.6258)**

Conversions

Conversions Part 1

Format	Color
Hex	2F629E
RGB	47, 98, 158
RGB Percent	18%, 38%, 62%
CMY	0.8157, 0.6157, 0.3804
CMYK	0.70, 0.38, 0.00, 0.38
HSL	212°, 54%, 40%
HSV	212°, 70%, 62%
XYZ	11.7115, 11.8083, 34.0097
YIQ	89.5910, -49.6560, 7.8480

Conversions

Conversions Part 2

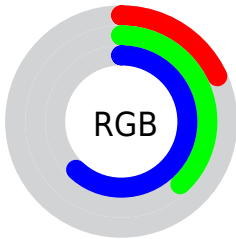
Format	Color
R_{YB}	47, 82, 158
Decimal	3105438
CIE Lab	40.91, 3.51, -37.58
CIE LCh	41, 37.741, 275.330
Yxy	11.8087, 0.2036, 0.2053
Android (android.graphics.Color)	4281295518 (0xFF2F629E)
YUV	89.5910, 33.7256, -37.3523
Hunter-Lab	34.3632, 0.6999, -34.6258

Details

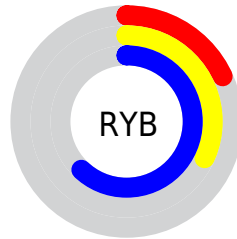
The HunterLab color $34.3632, 0.6999, -34.6258$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.4159, 9.4008, 22.5409$, and the grayscale version is $31.7182, -1.6924, 1.7233$.

A 20% lighter version of the original color is $53.8963, 0.2169, -36.0362$, and $18.6992, 3.8325, -31.6456$ is the 20% darker color. If you saturate the color by 10%, you get $31.5986, 3.1903, -41.1693$, and if you desaturate by 10%, it is $37.3352, -1.1791, -28.3849$.

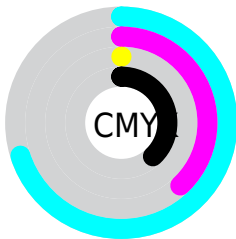
Distribution



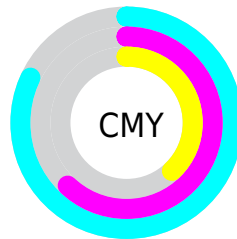
- Red (18%)
- Green (38%)
- Blue (62%)



- Red (18%)
- Yellow (32%)
- Blue (62%)



- Cyan (70%)
- Magenta (38%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.3632, 0.6999, -34.6258 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 34.3632, 0.6999, -34.6258 by changing the saturation by 10% instead.

■ 34.3632, 0.6999,
-34.6258

■ 34.3632, 0.6999,
-34.6258

■ 142.5253, -3.5737,
-39.5691

■ 25.7168, 0.9356,
-34.1574

■ 53.9872, 0.0534,
-35.8814

■ 17.9488, 1.0993,
-34.0560

■ 64.8516, -0.3455,
-36.5267

■ 11.1736, 1.1747,
-34.9462

■ 76.3605, -0.7889,
-37.1448

■ 3.1747, 4.6427,
-73.3199

■ 88.4796, -1.2733,
-37.7238

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 101.1796, -1.7961,
-38.2577

0.0000, NaN, NaN

■ 114.4350, -2.3550,

0.0000, NaN, NaN

-38.7436

0.0000, NaN, NaN

128.2235, -2.9481,
-39.1807

■ 34.3632, 0.6999,
-34.6258

■ 34.3632, 0.6999,
-34.6258

■ 31.5986, 3.1903,
-41.1693

■ 37.3352, -1.1791,
-28.3849

■ 29.0628, 6.3313,
-47.9727

■ 40.4901, -2.5102,
-22.4616

■ 26.7958, 9.9123,
-54.8902

■ 43.8076, -3.3602,
-16.8451

■ 47.2696, -3.7938,
-11.5129

■ 50.8605, -3.8687,
-6.4370

■ 54.5669, -3.6351,
-1.5877

■ 58.3775, -3.1355,
3.0634

■ 62.2828, -2.4059,
7.5426

■ 66.2746, -1.4761,
11.8734

Harmonies

Analogous

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



34.3638, -12.3614, -30.4701



34.3632, 0.6999, -34.6258



34.3638, 15.1520, -26.2528

Triad

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



34.3638, 0.7004, -34.6250



34.3638, 22.9896, 13.6253



34.3638, -23.0296, 10.9315

Complementary

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



34.3632, 0.6999, -34.6258



42.4159, 9.4008, 22.5409

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.



34.3638, -16.0536, 16.8868



34.3632, 0.6999, -34.6258



34.3638, 10.1332, 17.9492

Square

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



34.3638, 0.7004, -34.6250



34.3638, 29.2723, 4.1646



34.3638, -4.2997, 18.8433



34.3638, -24.7341, -0.5935

Rectangle

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



34.3632, 0.6999, -34.6258



34.3638, 23.2152, -16.1097



34.3638, -4.2997, 18.8433



34.3638, -21.2850, 13.4785

Sweetspot

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



34.3638, 0.7004, -34.6250



67.9686, -5.2243, -9.4523



51.0913, -33.4692, 15.0081



31.6724, -2.4822, -5.3189



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



34.3638, 0.7004, -34.6250



40.6990, 6.4711, -60.3853



22.8000, 26.9503, -69.5978



26.2912, -1.7209, -0.5327



24.1408, 8.5372, -48.6034



4.3353, -0.8064, -3.6779

Inverse Universe

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



31.9133, 41.0391, -1.0851



39.3420, 63.2681, 1.9121



56.1772, -15.3027, 31.5091



25.8733, 1.3137, 0.8037



24.9209, 44.2377, 4.0120



3.4569, 6.3656, -1.2205

Previews

White Background



This preview shows how the HunterLab color 34.3632, 0.6999, -34.6258 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 34.3632, 0.6999, -34.6258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

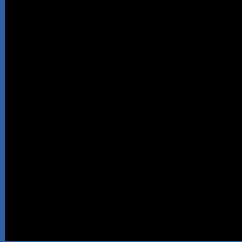
Any Text WCAG AA × Fail

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 34.3632, 0.6999, -34.6258 Background



This preview shows how black text looks on a background with the HunterLab color 34.3632, 0.6999, -34.6258.



This preview shows how white text looks on a background with the HunterLab color 34.3632, 0.6999, -34.6258.

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

34.3632, 0.6999, -34.6258

Protanopia

34.2855, 5.5114, -31.6449

Deuteranopia

34.4366, 2.3372, -34.4331



Tritanopia

34.2829, -16.5079, -7.2148

Trichromacy



Original Color

34.3632, 0.6999, -34.6258

Protanomaly

34.1189, 3.7158, -32.7993

Deuteranomaly

34.3146, 1.9269, -34.7135

Tritanomaly

34.1445, -11.2485, -16.4434

Monochromacy



Original Color

34.3632, 0.6999, -34.6258

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.4382, -2.6586, -9.7043

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3632, 0.6999, -34.6258 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(47, 98, 158)` looks like.

```
.text, #text, p{  
    color:rgb(47, 98, 158)  
}
```

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(47, 98, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 98, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3632, 0.6999, -34.6258 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(47, 98, 158) }
```


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

```
.border{ border-color:rgb(47, 98, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 98, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 98, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 98, 158);  
box-shadow:4px 4px 4px 4px rgb(47, 98,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3632, 0.6999, -34.6258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 98, 158) }
```

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

```
.background{ background-color: rgb(47, 98,  
158) }
```

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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