

Converting Colors

HunterLab(35.4359, -1.2269,
-32.6309)

Have a look what the booklet for
HunterLab(35.4359, -1.2269,
-32.6309) contains.

HunterLab(35.4291, -1.2920, -32.3248)	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(35.4291, -1.2920,
-32.3248)

Conversions

Conversions Part 1

Format	Color
Hex	2E669E
RGB	46, 102, 158
RGB Percent	18%, 40%, 62%
CMY	0.8196, 0.6000, 0.3804
CMYK	0.71, 0.35, 0.00, 0.38
HSL	210°, 55%, 40%
HSV	210°, 71%, 62%
XYZ	12.0497, 12.5522, 34.1355
YIQ	91.6400, -51.3520, 5.5440

Conversions

Conversions Part 2

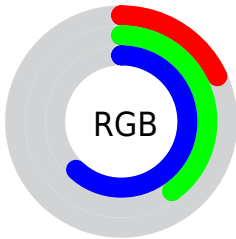
Format	Color
R_{YB}	46, 83, 158
Decimal	3040926
CIE _{Lab}	42.08, 0.83, -35.73
CIE _{LCh}	42, 35.736, 271.333
Yxy	12.5526, 0.2051, 0.2137
Android (android.graphics.Color)	4281231006 (0xFF2E669E)
YUV	91.6400, 32.7155, -40.0263
Hunter-Lab	35.4291, -1.2920, -32.3248

Details

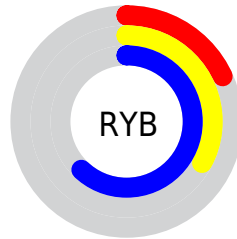
The HunterLab color $35.4291, -1.2920, -32.3248$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $41.1953, 11.7347, 21.8686$, and the grayscale version is $32.4786, -1.7330, 1.7646$.

A 20% lighter version of the original color is $55.3081, -2.4620, -33.4455$, and $19.6697, 2.0201, -28.9461$ is the 20% darker color. If you saturate the color by 10%, you get $32.8194, 0.8965, -38.1996$, and if you desaturate by 10%, it is $38.2324, -2.8905, -26.6565$.

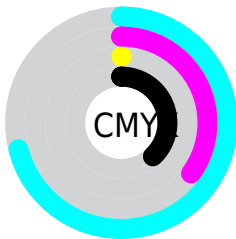
Distribution



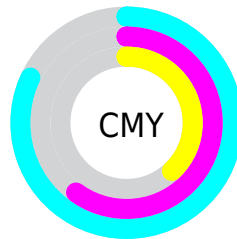
- Red (18%)
- Green (40%)
- Blue (62%)



- Red (18%)
- Yellow (33%)
- Blue (62%)



- Cyan (71%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4291, -1.2920, -32.3248 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 35.4291, -1.2920, -32.3248 by changing the saturation by 10% instead.

■ 35.4291, -1.2920,
-32.3248

■ 35.4291, -1.2920,
-32.3248

■ 144.2325, -6.7463,
-36.9622

■ 26.6856, -0.8783,
-31.7987

■ 55.2247, -2.2537,
-33.5766

■ 18.8096, -0.5174,
-31.5407

■ 66.1665, -2.7951,
-34.1932

■ 11.9107, -0.2170,
-32.0235

■ 77.7485, -3.3730,
-34.7740

■ 4.8001, 0.4982,
-46.9788

■ 89.9371, -3.9854,
-35.3103

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.7033, -4.6304,
-35.7981

0.0000, NaN, NaN

■ 116.0223, -5.3064,

0.0000, NaN, NaN

-36.2360

0.0000, NaN, NaN

129.8719, -6.0121,
-36.6238

■ 35.4291, -1.2920,
-32.3248

■ 35.4291, -1.2920,
-32.3248

■ 32.8194, 0.8965,
-38.1996

■ 38.2324, -2.8905,
-26.6565

■ 30.4186, 3.7052,
-44.2421

■ 41.2093, -3.9528,
-21.2170

■ 28.3903, 6.6978,
-49.9440

■ 44.3428, -4.5378,
-16.0076

■ 47.6168, -4.7043,
-11.0191

■ 51.0173, -4.5062,
-6.2356

■ 54.5320, -3.9916,
-1.6380

■ 58.1501, -3.2016,
2.7936

■ 61.8624, -2.1718,
7.0784

■ 65.6611, -0.9321,
11.2345

Harmonies

Analogous

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



35.4297, -13.4146, -26.9863



35.4291, -1.2920, -32.3248



35.4297, 12.5114, -26.0104

Triad

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



35.4297, -1.2916, -32.3240



35.4297, 22.8845, 12.4451



35.4297, -21.7674, 11.7791

Complementary

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



35.4291, -1.2920, -32.3248



41.1953, 11.7347, 21.8686

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.



35.4297, -14.3089, 17.1165



35.4291, -1.2920, -32.3248



35.4297, 11.3211, 17.3885

Square

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



35.4297, -1.2916, -32.3240



35.4297, 27.6889, 2.4934



35.4297, -2.4891, 18.7136



35.4297, -24.1287, 1.3542

Rectangle

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



35.4291, -1.2920, -32.3248



35.4297, 20.5293, -17.0354



35.4297, -2.4891, 18.7136



35.4297, -19.8339, 14.0701

Sweetspot

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



35.4297, -1.2916, -32.3240



68.5039, -6.0979, -8.7373



50.9846, -34.0728, 16.2007



31.9570, -2.9459, -4.9309



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.



35.4297, -1.2916, -32.3240



42.3215, 3.2928, -56.1602



22.3701, 26.8893, -71.4806



26.3736, -1.8567, -0.4320



25.5621, 5.6929, -44.2397



4.4879, -1.0363, -3.3725

Inverse Universe

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



31.9109, 41.9130, -2.9590



39.3776, 64.4131, -0.7736



56.4981, -14.1339, 31.8532



25.8818, 1.3592, 0.6831



25.0636, 44.7576, 1.9675



3.4765, 6.4358, -1.4915

Previews

White Background



This preview shows how the HunterLab color 35.4291, -1.2920, -32.3248 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 35.4291, -1.2920, -32.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

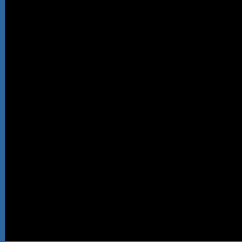
Any Text WCAG AA × Fail

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 35.4291, -1.2920, -32.3248 Background



This preview shows how black text looks on a background with the HunterLab color 35.4291, -1.2920, -32.3248.



This preview shows how white text looks on a background with the HunterLab color 35.4291, -1.2920,

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

35.4291, -1.2920, -32.3248

Protanopia

35.3584, 5.0093, -29.3883

Deuteranopia

35.3792, 2.8393, -33.1190



Tritanopia

35.3324, -16.8398, -7.8100

Trichromacy



Original Color

35.4291, -1.2920, -32.3248

Protanomaly

35.2824, 2.1279, -30.3329

Deuteranomaly

35.3375, 1.3132, -33.2362

Tritanomaly

35.1113, -12.0171, -16.0462

Monochromacy



Original Color

35.4291, -1.2920, -32.3248

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.3505, -3.5729, -8.8865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4291, -1.2920, -32.3248 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(46, 102, 158)` looks like.

```
.text, #text, p{  
    color:rgb(46, 102, 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(46, 102, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 102, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4291, -1.2920, -32.3248 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(46, 102, 158) }
```


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

```
.border{ border-color:rgb(46, 102, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 102, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 102, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 102, 158);  
box-shadow:4px 4px 4px 4px rgb(46, 102,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.4291, -1.2920, -32.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 102, 158) }
```

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

```
.background{ background-color: rgb(46, 102,  
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](#).

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