

Converting Colors

HunterLab(35.3561, -2.0803,
1.3948)

Have a look what the booklet for
HunterLab(35.3561, -2.0803, 1.3948)
contains.

HunterLab(35.2710, -2.0113, 1.4317)	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(35.2710, -2.0113,
1.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	626364
RGB	98, 99, 100
RGB Percent	38%, 39%, 39%
CMY	0.6157, 0.6118, 0.6078
CMYK	0.02, 0.01, 0.00, 0.61
HSL	210°, 1%, 39%
HSV	210°, 2%, 39%
XYZ	11.7991, 12.4404, 13.8359
YIQ	98.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

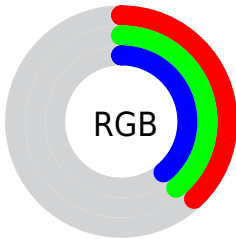
Format	Color
R_{YB}	98, 99, 100
Decimal	6447972
CIE _{Lab}	41.91, -0.18, -0.71
CIE _{LCh}	42, 0.730, 255.854
Yxy	12.4410, 0.3099, 0.3267
Android (android.graphics.Color)	4284638052 (0xFF626364)
YUV	98.8150, 0.5842, -0.7148
Hunter-Lab	35.2710, -2.0113, 1.4317

Details

The HunterLab color $35.2710, -2.0113, 1.4317$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35.3761, -1.7525, 2.4011$, and the grayscale version is $35.2525, -1.8810, 1.9153$.

A 20% lighter version of the original color is $55.1694, -3.0839, 2.4762$, and $18.7971, -1.2549, 0.9368$ is the 20% darker color. If you saturate the color by 10%, you get $33.1697, -2.4646, -1.1553$, and if you desaturate by 10%, it is $37.4268, -1.4241, 3.9375$.

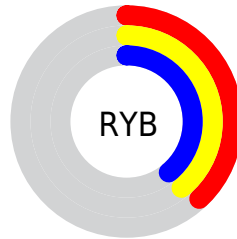
Distribution



Red (38%)

Green (39%)

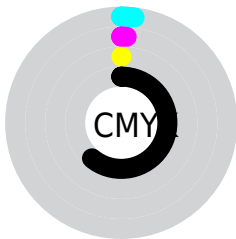
Blue (39%)



Red (38%)

Yellow (39%)

Blue (39%)

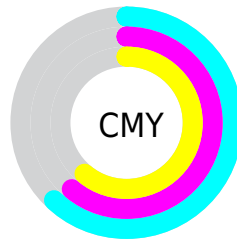


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (61%)



Cyan (62%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.2710, -2.0113, 1.4317 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 35.2710, -2.0113, 1.4317 by changing the saturation by 10% instead.

■ 35.2710, -2.0113,
1.4317

■ 35.2710, -2.0113,
1.4317

■ 143.9803, -7.8951,
7.0612

■ 26.5419, -1.5342,
1.0005

■ 55.0416, -3.0886,
2.4314

■ 18.6818, -1.1015,
0.6209

■ 65.9720, -3.6816,
2.9916

■ 11.8010, -0.7192,
0.3012

■ 77.5432, -4.3084,
3.5886

■ 4.5966, -0.4146,
-0.3880

■ 89.7216, -4.9672,
4.2203

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.4781, -5.6565,
4.8848

0.0000, NaN, NaN

■ 115.7877, -6.3750,

0.0000, NaN, NaN

129.6283, -7.1215,
6.3065

■ 35.2710, -2.0113,
1.4317

■ 35.2710, -2.0113,
1.4317

■ 33.1697, -2.4646,
-1.1553

■ 37.4268, -1.4241,
3.9375

■ 31.1255, -2.7626,
-3.8356

■ 39.6305, -0.7170,
6.3698

■ 29.1448, -2.8839,
-6.6189

■ 41.8791, 0.0955,
8.7381

■ 27.2343, -2.8033,
-9.5154

■ 44.1693, 1.0015,
11.0503

■ 25.4013, -2.4922,
-12.5335

■ 46.4984, 1.9909,
13.3134

■ 23.6543, -1.9196,
-15.6785

■ 48.8636, 3.0550,
15.5336

■ 22.0023, -1.0539,
-18.9502

■ 51.2629, 4.1864,
17.7166

■ 20.4552, 0.1339,
-22.3401

■ 53.6943, 5.3788,
19.8671

■ 19.0202, 1.6577,
-25.8342

■ 56.1559, 6.6266,
21.9894

Harmonies

Analogous

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



35.2718, -2.2488, 1.5597



35.2710, -2.0113, 1.4317



35.2718, -1.7404, 1.4362

Triad

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



35.2718, -2.0121, 1.4323



35.2718, -1.3775, 2.0561



35.2718, -2.2598, 2.2660

Complementary

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



35.2710, -2.0113, 1.4317



35.3761, -1.7525, 2.4011

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.



35.2718, -2.0272, 2.3969



35.2710, -2.0113, 1.4317



35.2718, -1.5175, 2.2764

Square

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



35.2718, -2.0121, 1.4323



35.2718, -1.3734, 1.7977



35.2718, -1.7555, 2.4007



35.2718, -2.3915, 2.0418

Rectangle

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



35.2710, -2.0113, 1.4317



35.2718, -1.5759, 1.5128



35.2718, -1.7555, 2.4007



35.2718, -2.1908, 2.3223

Sweetspot

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



35.2718, -2.0121, 1.4323



46.9754, -2.5960, 2.2229



35.5125, -2.6099, 2.1426



23.3139, -1.2846, 1.1173



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



35.2718, -2.0121, 1.4323



46.6849, -2.6682, 1.8767



35.0122, -1.5803, 1.1297



18.0001, -1.0199, 0.7574



20.5077, 3.8624, -33.9706



44.9258, 12.5387, -83.2208

Inverse Universe

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



35.1365, -1.1587, 1.7107



46.5007, -1.5052, 2.2563



35.6361, -2.1840, 2.6950



17.9384, -0.6308, 0.8841



19.8194, 35.4560, 1.0662



45.0670, 80.2602, 5.2332

Previews

White Background



This preview shows how the HunterLab color 35.2710, -2.0113, 1.4317 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 35.2710, -2.0113, 1.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

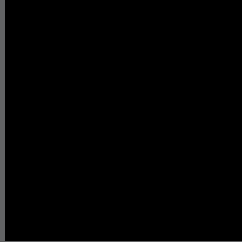
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

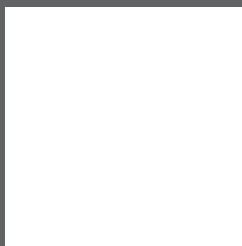
Any Text WCAG AAA × Fail

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

HunterLab 35.2710, -2.0113, 1.4317 Background



This preview shows how black text looks on a background with the HunterLab color 35.2710, -2.0113, 1.4317.

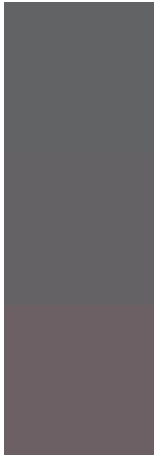


This preview shows how white text looks on a background with the HunterLab color 35.2710, -2.0113,

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

35.2710, -2.0113, 1.4317

Protanopia

35.1636, -1.0096, 1.3211

Deuteranopia

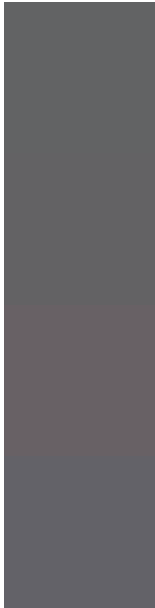
35.3461, 2.3618, 1.1693



Tritanopia

35.2542, -0.3551, -1.2150

Trichromacy



Original Color

35.2710, -2.0113, 1.4317

Protanomaly

35.0829, -1.2886, 1.2198

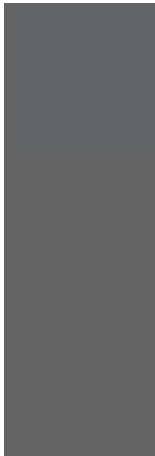
Deuteranomaly

35.2591, 0.7306, 1.0361

Tritanomaly

35.1959, -0.6727, -0.3866

Monochromacy



Original Color

35.2710, -2.0113, 1.4317

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.3231, -1.8847, 1.9192

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.2710, -2.0113, 1.4317 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(98, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(98, 99, 100)  
}
```

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(98, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 35.2710, -2.0113, 1.4317 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(98, 99, 100) }
```


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

```
.border{ border-color:rgb(98, 99, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 99, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 100);  
box-shadow:4px 4px 4px 4px rgb(98, 99,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.2710, -2.0113, 1.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 100) }
```

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

```
.background{ background-color: rgb(98, 99,  
100) }
```

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