

Converting Colors

HunterLab(35.4057, 1.0649,
-3.9325)

Have a look what the booklet for
HunterLab(35.4057, 1.0649, -3.9325)
contains.

HunterLab(35.5170, 0.9079, -3.6885)	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(35.5170, 0.9079,
-3.6885)**

Conversions

Conversions Part 1

Format	Color
Hex	646270
RGB	100, 98, 112
RGB Percent	39%, 38%, 44%
CMY	0.6078, 0.6157, 0.5608
CMYK	0.11, 0.12, 0.00, 0.56
HSL	249°, 7%, 41%
HSV	249°, 12%, 44%
XYZ	12.5479, 12.6146, 17.1028
YIQ	100.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

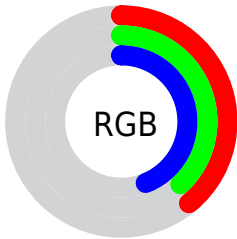
Format	Color
R _Y B	100, 98, 112
Decimal	6578800
CIE Lab	42.18, 3.83, -7.61
CIE LCh	42, 8.516, 296.735
Yxy	12.6151, 0.2969, 0.2985
Android (android.graphics.Color)	4284768880 (0xFF646270)
YUV	100.1940, 5.8204, -0.1701
Hunter-Lab	35.5170, 0.9079, -3.6885

Details

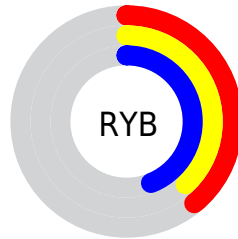
The HunterLab color $35.5170, 0.9079, -3.6885$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39.7310, -4.7010, 7.1551$, and the grayscale version is $35.7517, -1.9076, 1.9425$.

A 20% lighter version of the original color is $55.4568, 0.1908, -3.3741$, and $18.9289, 1.0262, -3.5111$ is the 20% darker color. If you saturate the color by 10%, you get $31.8561, 3.4924, -8.8403$, and if you desaturate by 10%, it is $39.2937, -1.5502, 1.0549$.

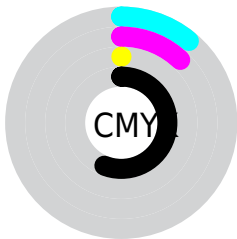
Distribution



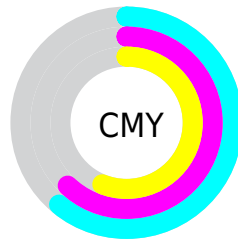
- Red (39%)
- Green (38%)
- Blue (44%)



- Red (39%)
- Yellow (38%)
- Blue (44%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5170, 0.9079, -3.6885 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 35.5170, 0.9079, -3.6885 by changing the saturation by 10% instead.

■ 35.5170, 0.9079,
-3.6885

■ 35.5170, 0.9079,
-3.6885

■ 144.3731, -3.2770,
-0.7155

■ 26.7657, 1.1303,
-3.7372

■ 55.3268, 0.2830,
-3.3821

■ 18.8810, 1.2813,
-3.7044

■ 66.2750, -0.1053,
-3.1402

■ 11.9720, 1.3439,
-3.5761

■ 77.8629, -0.5384,
-2.8462

■ 4.9098, 3.1378,
-6.1538

■ 90.0572, -1.0130,
-2.5041

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.8289, -1.5263,
-2.1173

0.0000, NaN, NaN

■ 116.1531, -2.0760,

0.0000, NaN, NaN

-1.6888

0.0000, NaN, NaN

130.0077, -2.6601,
-1.2208

■ 35.5170, 0.9079,
-3.6885

■ 35.5170, 0.9079,
-3.6885

■ 31.8561, 3.4924,
-8.8403

■ 39.2937, -1.5502,
1.0549

■ 28.3277, 6.2427,
-14.5199

■ 43.1697, -3.9093,
5.4787

■ 24.9586, 9.2029,
-20.8753

■ 47.1346, -6.1931,
9.6529

■ 21.7847, 12.4202,
-28.0803

■ 51.1796, -8.4193,
13.6305

■ 18.8571, 15.9264,
-36.3000

■ 55.2978, -10.6017,
17.4525

■ 16.2485, 19.6886,
-45.5794

■ 59.4834, -12.7510,
21.1505

■ 14.0577, 23.5040,
-55.5799

■ 63.7315, -14.8754,
24.7495

■ 12.3964, 26.8848,
-65.2091

■ 68.0380, -16.9816,
28.2689

■ 11.3135, 29.7149,
-72.8449

■ 72.3994, -19.0747,
31.7245

Harmonies

Analogous

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



35.5177, -2.2460, -4.4054



35.5170, 0.9079, -3.6885



35.5177, 3.3833, -1.4215

Triad

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



35.5177, 0.9072, -3.6878



35.5177, 1.5335, 6.4780



35.5177, -7.8208, 2.2643

Complementary

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



35.5170, 0.9079, -3.6885



39.7310, -4.7010, 7.1551

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.



35.5177, -6.8859, 4.9898



35.5170, 0.9079, -3.6885



35.5177, -1.5467, 7.2836

Square

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



35.5177, 0.9072, -3.6878



35.5177, 3.7538, 4.4615



35.5177, -4.6169, 6.7636



35.5177, -7.2153, -0.7955

Rectangle

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



35.5170, 0.9079, -3.6885



35.5177, 4.2780, 0.5670



35.5177, -4.6169, 6.7636



35.5177, -7.6771, 3.2474

Sweetspot

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



35.5177, 0.9072, -3.6878



51.2672, -1.5411, 0.4197



38.6621, -5.0882, 0.2259



24.9740, -0.6571, 0.0178



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



35.5177, 0.9072, -3.6878



45.6544, 2.1748, -6.8027



36.0879, 2.8301, -2.8986



18.2242, 0.0173, -0.9838



12.1352, 31.9262, -78.5475



26.6456, 70.9145, -178.7721

Inverse Universe

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



36.4780, 4.0084, -1.4303



47.2375, 7.2321, -3.0038



39.1944, -6.6161, 6.5547



18.5625, 1.1233, -0.2073



22.2629, 42.5009, -19.5283



49.5914, 94.5153, -42.2836

Previews

White Background



This preview shows how the HunterLab color 35.5170, 0.9079, -3.6885 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 35.5170, 0.9079, -3.6885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

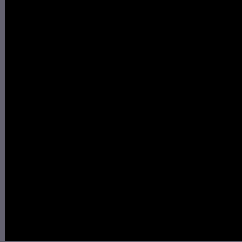
Any Text WCAG AA × Fail

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 35.5170, 0.9079, -3.6885 Background



This preview shows how black text looks on a background with the HunterLab color 35.5170, 0.9079, -3.6885.



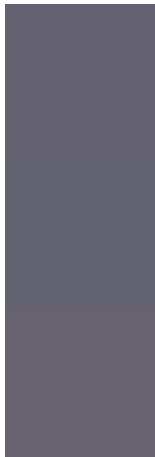
This preview shows how white text looks on a background with the HunterLab color 35.5170, 0.9079, -3.6885.

-3.6885.

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

35.5170, 0.9079, -3.6885

Protanopia

35.5456, -0.3562, -3.6723

Deuteranopia

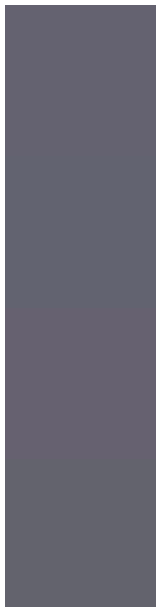
35.5004, 2.1980, -3.6880



Tritanopia

35.5498, -0.6467, -1.3047

Trichromacy



Original Color

35.5170, 0.9079, -3.6885

Protanomaly

35.6233, -0.0897, -3.5640

Deuteranomaly

35.4175, 1.9190, -3.8039

Tritanomaly

35.6096, -0.3212, -2.1523

Monochromacy



Original Color

35.5170, 0.9079, -3.6885

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.5422, -0.8474, 0.0387

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5170, 0.9079, -3.6885 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(100, 98, 112)` looks like.

```
.text, #text, p{  
    color:rgb(100, 98, 112)  
}
```

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(100, 98, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 98, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5170, 0.9079, -3.6885 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(100, 98, 112) }
```


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

```
.border{ border-color:rgb(100, 98, 112) }
```

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

Here you see how a box with a 4 pixel rgb(100, 98, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 98, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 98, 112);  
box-shadow:4px 4px 4px 4px rgb(100, 98,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5170, 0.9079, -3.6885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 98, 112) }
```

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

```
.background{ background-color: rgb(100, 98,  
112) }
```

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