

Converting Colors

HunterLab(35.5934, 5.7430,
-26.5299)

Have a look what the booklet for
HunterLab(35.5934, 5.7430,
-26.5299) contains.

HunterLab(35.6582, 5.7126, -26.6093)	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(35.6582, 5.7126,
-26.6093)**

Conversions

Conversions Part 1

Format	Color
Hex	556197
RGB	85, 97, 151
RGB Percent	33%, 38%, 59%
CMY	0.6667, 0.6196, 0.4078
CMYK	0.44, 0.36, 0.00, 0.41
HSL	229°, 28%, 46%
HSV	229°, 44%, 59%
XYZ	13.6069, 12.7151, 31.0153
YIQ	99.5680, -24.4860, 14.2500

Conversions

Conversions Part 2

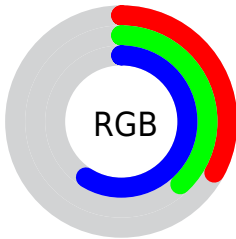
Format	Color
R_{YB}	85, 95, 151
Decimal	5595543
CIE _{Lab}	42.33, 10.14, -31.02
CIE _{LCh}	42, 32.637, 288.097
Yxy	12.7155, 0.2373, 0.2218
Android (android.graphics.Color)	4283785623 (0xFF556197)
YUV	99.5680, 25.3560, -12.7761
Hunter-Lab	35.6582, 5.7126, -26.6093

Details

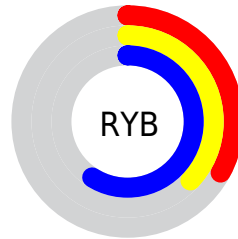
The HunterLab color $35.6582, 5.7126, -26.6093$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50.6962, -5.4991, 21.0906$, and the grayscale version is $35.4514, -1.8916, 1.9261$.

A 20% lighter version of the original color is $55.4319, 6.2184, -28.1910$, and $19.0029, 5.3635, -25.8139$ is the 20% darker color. If you saturate the color by 10%, you get $31.5823, 8.7417, -35.3509$, and if you desaturate by 10%, it is $39.9538, 3.1701, -18.7732$.

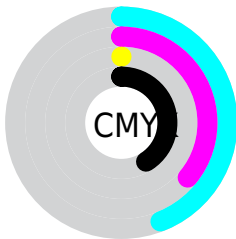
Distribution



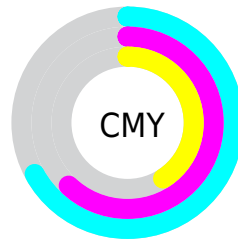
- Red (33%)
- Green (38%)
- Blue (59%)



- Red (33%)
- Yellow (37%)
- Blue (59%)



- Cyan (44%)
- Magenta (36%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6582, 5.7126, -26.6093 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 35.6582, 5.7126, -26.6093 by changing the saturation by 10% instead.

■ 35.6582, 5.7126,
-26.6093

■ 35.6582, 5.7126,
-26.6093

■ 144.5982, 4.1327,
-30.3868

■ 26.8942, 5.5543,
-26.0418

■ 55.4903, 5.7737,
-27.7702

■ 18.9953, 5.2892,
-25.6092

■ 66.4487, 5.6982,
-28.2999

■ 12.0703, 4.8905,
-25.6141

■ 78.0462, 5.5620,
-28.7800

■ 5.0804, 8.4239,
-35.4621

■ 90.2495, 5.3707,
-29.2071

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.0299, 5.1287,
-29.5804

0.0000, NaN, NaN

116.3624, 4.8397,

0.0000, NaN, NaN

-29.9006

0.0000, NaN, NaN

130.2250, 4.5068,
-30.1688

■ 35.6582, 5.7126,
-26.6093

■ 35.6582, 5.7126,
-26.6093

■ 31.5823, 8.7417,
-35.3509

■ 39.9538, 3.1701,
-18.7732

■ 27.7735, 12.3696,
-45.1723

■ 44.4312, 1.0159,
-11.6737

■ 24.2997, 16.6981,
-56.1722

■ 49.0639, -0.8294,
-5.1623

■ 21.2508, 21.7525,
-68.2116

■ 53.8318, -2.4282,
0.8813

■ 18.7383, 27.3423,
-80.6151

■ 58.7189, -3.8287,
6.5521

■ 17.4332, 30.8070,
-88.2935

■ 63.7130, -5.0682,
11.9250

■ 68.8039, -6.1759,
17.0586

■ 73.9836, -7.1745,
21.9992

■ 79.2453, -8.0821,
26.7835

Harmonies

Analogous

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



35.6589, -6.6349, -27.6889



35.6582, 5.7126, -26.6093



35.6589, 17.3786, -16.5054

Triad

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



35.6589, 5.7125, -26.6084



35.6589, 15.2336, 14.9168



35.6589, -22.1532, 6.2610

Complementary

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



35.6582, 5.7126, -26.6093



50.6962, -5.4991, 21.0906

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.



35.6589, -17.7997, 13.8992



35.6582, 5.7126, -26.6093



35.6589, 3.0860, 17.6440

Square

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



35.6589, 5.7125, -26.6084



35.6589, 23.3660, 8.2243



35.6589, -8.9316, 17.3482



35.6589, -21.6490, -5.7458

Rectangle

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



35.6582, 5.7126, -26.6093



35.6589, 22.6924, -7.4722



35.6589, -8.9316, 17.3482



35.6589, -21.2364, 9.3301

Sweetspot

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



35.6589, 5.7125, -26.6084



65.9402, -1.2120, -6.5348



50.9176, -20.8637, 2.6116



30.8183, -0.3503, -3.9436



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



35.6589, 5.7125, -26.6084



42.6173, 11.4054, -46.4864



34.3366, 16.6773, -29.1058



24.8978, -0.7645, -1.1716



16.1790, 28.0697, -80.8167



2.8060, 1.2093, -6.1178

Inverse Universe

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



37.3362, 21.5259, 5.4234



45.8479, 35.9847, 8.7502



52.4816, -17.2615, 22.3268



24.9802, 0.9620, 1.5620



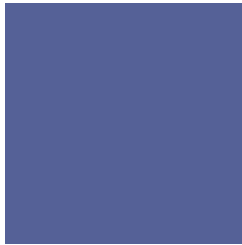
23.8108, 41.0806, 13.0304



2.9792, 5.2725, 0.6034

Previews

White Background



This preview shows how the HunterLab color 35.6582, 5.7126, -26.6093 looks on a white background.

Color Contrast Check

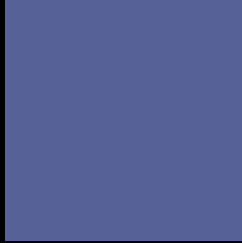
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6582, 5.7126, -26.6093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

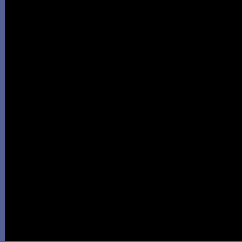
Any Text WCAG AA ✗ Fail

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 35.6582, 5.7126, -26.6093 Background



This preview shows how black text looks on a background with the HunterLab color 35.6582, 5.7126, -26.6093.

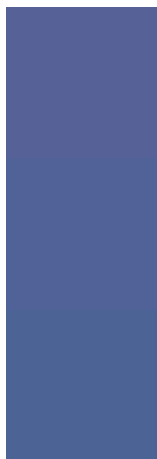


This preview shows how white text looks on a background with the HunterLab color 35.6582, 5.7126, -26.6093.

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

35.6582, 5.7126, -26.6093

Protanopia

35.7095, 4.6331, -27.2366

Deuteranopia

35.5840, 2.6759, -26.1033



Tritanopia

35.7649, -8.0184, -4.0012

Trichromacy



Original Color

35.6582, 5.7126, -26.6093

Protanomaly

35.7718, 4.8381, -27.1088

Deuteranomaly

35.4960, 3.7442, -26.2580

Tritanomaly

35.6333, -3.2148, -11.5080

Monochromacy



Original Color

35.6582, 5.7126, -26.6093

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.6209, 0.3570, -7.0940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.6582, 5.7126, -26.6093 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(85, 97, 151)` looks like.

```
.text, #text, p{  
    color:rgb(85, 97, 151)  
}
```

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(85, 97, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 97, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 35.6582, 5.7126, -26.6093 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(85, 97, 151) }
```


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

```
.border{ border-color:rgb(85, 97, 151) }
```

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

Here you see how a box with a 4 pixel rgb(85, 97, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 97, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 97, 151);  
box-shadow:4px 4px 4px 4px rgb(85, 97,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.6582, 5.7126, -26.6093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 97, 151) }
```

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

```
.background{ background-color: rgb(85, 97,  
151) }
```

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