

Converting Colors

HunterLab(51.3242, -35.8796,
21.6226)

Have a look what the booklet for
HunterLab(51.3242, -35.8796,
21.6226) contains.

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Color

**HunterLab(51.1641,
-35.7136, 21.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	359F53
RGB	53, 159, 83
RGB Percent	21%, 62%, 33%
CMY	0.7922, 0.3765, 0.6745
CMYK	0.67, 0.00, 0.48, 0.38
HSL	137°, 50%, 42%
HSV	137°, 67%, 62%
XYZ	15.4276, 26.1777, 12.4233
YIQ	118.6420, -38.7800, -46.1080

Conversions

Conversions Part 2

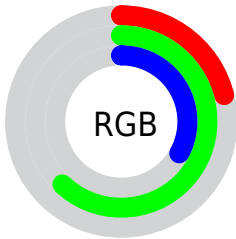
Format	Color
RYB	53, 136, 159
Decimal	3514195
CIELab	58.21, -47.11, 30.94
CIElCh	58, 56.356, 146.705
Yxy	26.1787, 0.2855, 0.4845
Android (android.graphics.Color)	4281704275 (0xFF359F53)
YUV	118.6420, -17.5715, -57.5680
Hunter-Lab	51.1641, -35.7136, 21.4185

Details

The HunterLab color $51.1641, -35.7136, 21.4185$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $33.9154, 43.4592, -14.6494$, and the grayscale version is $42.8894, -2.2885, 2.3303$.

A 20% lighter version of the original color is $73.3259, -42.4232, 26.2034$, and $32.2946, -26.3512, 16.5192$ is the 20% darker color. If you saturate the color by 10%, you get $50.6509, -38.1667, 23.4455$, and if you desaturate by 10%, it is $51.8404, -32.5834, 19.1534$.

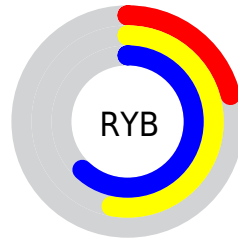
Distribution



Red (21%)

Green (62%)

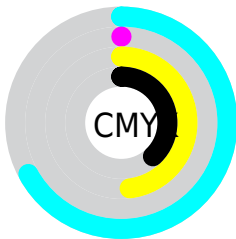
Blue (33%)



Red (21%)

Yellow (53%)

Blue (62%)

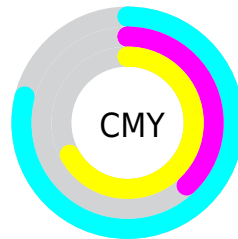


Cyan (67%)

Magenta (0%)

Yellow (48%)

Black (38%)



Cyan (79%)

Magenta (38%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1641, -35.7136, 21.4185 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 51.1641, -35.7136, 21.4185 by changing the saturation by 10% instead.

■ 51.1641, -35.7136,
21.4185

■ 51.1641, -35.7136,
21.4185

168.4216,
-62.3344, 41.0574

■ 41.1794, -32.1466,
18.8808

■ 73.1868, -42.3027,
26.1652

■ 31.9439, -28.3208,
16.1866

■ 85.1440, -45.3964,
28.4199

■ 23.5255, -24.1431,
13.2832

■ 97.6896, -48.3893,
30.6168

■ 16.0130, -19.4863,
11.0917

■ 110.7971,
-51.2987, 32.7674

■ 9.5325, -16.6818,
6.6727

■ 124.4436,
-54.1380, 34.8804

0.0000, NaN, NaN

0.0000, NaN, NaN

138.6084,

-56.9182, 36.9627

0.0000, NaN, NaN

153.2732,
-59.6480, 39.0202

0.0000, NaN, NaN

■ 51.1641, -35.7136,
21.4185

■ 51.1641, -35.7136,
21.4185

■ 50.6509, -38.1667,
23.4455

■ 51.8404, -32.5834,
19.1534

■ 50.2864, -39.9633,
25.2132

■ 52.6837, -28.7766,
16.6747

■ 50.0515, -41.1738,
26.7045

■ 53.6991, -24.3174,
14.0125

■ 49.9867, -41.5104,
27.1300

■ 54.8872, -19.2457,
11.1988

■ 56.2467, -13.6132,
8.2661

■ 57.7739, -7.4791,
5.2463

■ 59.4637, -0.9056,
2.1685

■ 61.3098, 6.0452,
-0.9411

■ 63.3050, 13.3143,
-4.0600

Harmonies

Analogous

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



51.1651, -21.7634, 28.4465



51.1641, -35.7136, 21.4185



51.1651, -40.9556, 5.2307

Triad

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



51.1651, -35.7143, 21.4188



51.1651, -5.3432, -62.7626



51.1651, 45.0469, 18.7738

Complementary

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



51.1641, -35.7136, 21.4185



33.9154, 43.4592, -14.6494

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.



51.1651, 51.6055, 0.2124



51.1641, -35.7136, 21.4185



51.1651, 19.5633, -53.5630

Square

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



51.1651, -35.7143, 21.4188



51.1651, -25.5630, -48.7797



51.1651, 41.5452, -27.4361



51.1651, 24.9698, 27.4847

Rectangle

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



51.1641, -35.7136, 21.4185



51.1651, -39.6810, -11.4172



51.1651, 41.5452, -27.4361



51.1651, 49.0483, 13.8101

Sweetspot

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



51.1651, -35.7143, 21.4188



74.5685, -21.0995, 12.5353



54.6429, -22.5812, 29.6206



35.1776, -10.9660, 6.4454



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.



51.1651, -35.7143, 21.4188



67.5215, -52.3490, 32.5684



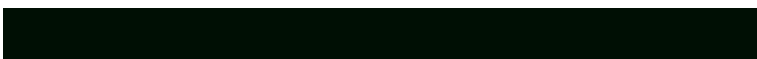
52.2330, -29.2500, 5.9604



27.2587, -4.3259, 2.8657



44.4308, -36.8456, 24.0044



5.9973, -4.5778, 2.3860

Inverse Universe

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



33.9154, 43.4592, -14.6494



41.6396, 67.4650, -20.3745



32.3478, 36.8548, 7.4579



25.9278, 1.6062, 0.0284



26.0552, 48.3314, -11.9312



3.5803, 6.8043, -2.9025

Previews

White Background



This preview shows how the HunterLab color 51.1641, -35.7136, 21.4185 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.1641, -35.7136, 21.4185 looks on a black 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

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

HunterLab 51.1641, -35.7136, 21.4185 Background



This preview shows how black text looks on a background with the HunterLab color 51.1641, -35.7136, 21.4185.



This preview shows how white text looks on a background with the HunterLab color 51.1641,

-35.7136, 21.4185.

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

51.1641, -35.7136, 21.4185

Protanopia

50.7537, -5.5578, 23.1894

Deuteranopia

50.7068, 3.2365, 20.2510



Tritanopia

51.0304, -17.3518, -8.5741

Trichromacy



Original Color

51.1641, -35.7136, 21.4185

Protanomaly

49.9041, -19.2778, 21.6248

Deuteranomaly

49.4669, -14.4067, 19.4217

Tritanomaly

50.7357, -25.1810, 4.8906

Monochromacy



Original Color

51.1641, -35.7136, 21.4185

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

45.3031, -16.8454, 9.7751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1641, -35.7136, 21.4185 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(53, 159, 83)` looks like.

```
.text, #text, p{  
    color:rgb(53, 159, 83)  
}
```

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(53, 159, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 159, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1641, -35.7136, 21.4185 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(53, 159, 83) }
```


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

```
.border{ border-color:rgb(53, 159, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 159, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 159, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 159, 83);  
box-shadow:4px 4px 4px 4px rgb(53, 159,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1641, -35.7136, 21.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 159, 83) }
```

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

```
.background{ background-color: rgb(53, 159,  
83) }
```

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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