

Converting Colors

HunterLab(53.0676, -35.7076,
29.9103)

Have a look what the booklet for
HunterLab(53.0676, -35.7076,
29.9103) contains.

HunterLab(53.0847, -35.6317, 29.9429)	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(53.0847,
-35.6317, 29.9429)**

Conversions

Conversions Part 1

Format	Color
Hex	53A327
RGB	83, 163, 39
RGB Percent	33%, 64%, 15%
CMY	0.6745, 0.3608, 0.8470
CMYK	0.49, 0.00, 0.76, 0.36
HSL	99°, 61%, 40%
HSV	99°, 76%, 64%
XYZ	17.0307, 28.1799, 6.4611
YIQ	124.9440, -7.8760, -55.5240

Conversions

Conversions Part 2

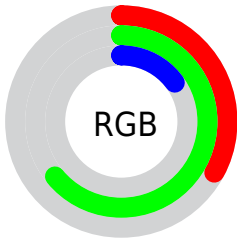
Format	Color
RYB	39, 163, 119
Decimal	5481255
CIELab	60.05, -45.92, 53.11
CIElCh	60, 70.214, 130.849
Yxy	28.1811, 0.3296, 0.5454
Android (android.graphics.Color)	4283671335 (0xFF53A327)
YUV	124.9440, -42.3704, -36.7849
Hunter-Lab	53.0847, -35.6317, 29.9429

Details

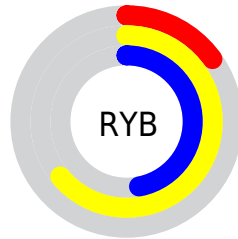
The HunterLab color $53.0847, -35.6317, 29.9429$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $28.3167, 44.6591, -54.3242$, and the grayscale version is $45.4273, -2.4239, 2.4682$.

A 20% lighter version of the original color is $75.4601, -42.2737, 37.6213$, and $33.5724, -27.8760, 20.1991$ is the 20% darker color. If you saturate the color by 10%, you get $52.5857, -37.8558, 30.8438$, and if you desaturate by 10%, it is $53.6922, -32.9188, 28.4748$.

Distribution



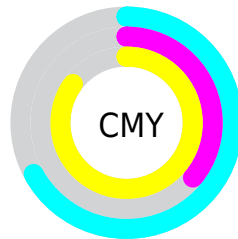
- Red (33%)
- Green (64%)
- Blue (15%)



- Red (15%)
- Yellow (64%)
- Blue (47%)



- Cyan (49%)
- Magenta (0%)
- Yellow (76%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0847, -35.6317, 29.9429 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 53.0847, -35.6317, 29.9429 by changing the saturation by 10% instead.

■ 53.0847, -35.6317,
29.9429

■ 53.0847, -35.6317,
29.9429

171.2691,
-61.5679, 60.1478

■ 42.9677, -32.1870,
25.8625

■ 75.3481, -42.0199,
37.4971

■ 33.5892, -28.5049,
21.5309

■ 87.4160, -45.0279,
41.0335

■ 25.0141, -24.5023,
17.5099

■ 100.0672,
-47.9424, 44.4429

■ 17.3263, -20.0439,
12.1284

■ 113.2759,
-50.7793, 47.7444

■ 10.6432, -18.6257,
7.4503

■ 127.0195,
-53.5512, 50.9538

■ 0.7585, -1.3273,
0.5309

■ 141.2779,

0.0000, NaN, NaN

-56.2681, 54.0840

0.0000, NaN, NaN

156.0331,
-58.9381, 57.1456

0.0000, NaN, NaN

■ 53.0847, -35.6317,
29.9429

■ 53.0847, -35.6317,
29.9429

■ 52.5857, -37.8558,
30.8438

■ 53.6922, -32.9188,
28.4748

■ 52.1849, -39.6142,
31.2536

■ 54.4090, -29.7082,
26.3988

■ 52.0482, -40.2141,
31.3678

■ 55.2386, -26.0069,
23.6947

■ 56.1821, -21.8306,
20.3577

■ 57.2394, -17.2024,
16.3961

■ 58.4093, -12.1510,
11.8286

■ 59.6899, -6.7090,
6.6818

■ 61.0784, -0.9109,
0.9881

■ 62.5717, 5.2079,
-5.2163

Harmonies

Analogous

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



53.0858, -13.2948, 33.5082



53.0847, -35.6317, 29.9429



53.0858, -47.1897, 17.9635

Triad

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



53.0858, -35.6327, 29.9432



53.0858, -20.5185, -79.8588



53.0858, 66.7983, 12.2422

Complementary

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



53.0847, -35.6317, 29.9429



28.3167, 44.6591, -54.3242

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.



53.0858, 63.6424, -18.5298



53.0847, -35.6317, 29.9429



53.0858, 8.5023, -84.5993

Square

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



53.0858, -35.6327, 29.9432



53.0858, -39.9029, -47.2021



53.0858, 40.5678, -57.9003



53.0858, 48.4179, 27.7587

Rectangle

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



53.0847, -35.6317, 29.9429



53.0858, -49.1936, 2.0677



53.0858, 40.5678, -57.9003



53.0858, 68.3090, 3.6986

Sweetspot

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



53.0858, -35.6327, 29.9432



76.9986, -21.2864, 20.4029



45.5868, 5.9566, 25.6976



36.2440, -11.1600, 10.6184



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



53.0858, -35.6327, 29.9432



70.0029, -52.2799, 41.6966



51.8729, -40.4094, 27.0474



28.3048, -4.0541, 4.0059



45.9093, -35.3438, 27.6704



6.8457, -4.3359, 4.1424

Inverse Universe

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



28.3167, 44.6591, -54.3242



33.2731, 67.6037, -88.8930



33.6574, 52.7663, -26.5796



26.6005, 1.2225, -1.2027



21.0314, 45.7884, -62.1573



3.4338, 7.1380, -7.5296

Previews

White Background



This preview shows how the HunterLab color 53.0847, -35.6317, 29.9429 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 53.0847, -35.6317, 29.9429 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 53.0847, -35.6317, 29.9429 Background



This preview shows how black text looks on a background with the HunterLab color 53.0847, -35.6317, 29.9429.



This preview shows how white text looks on a background with the HunterLab color 53.0847,

-35.6317, 29.9429.

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

53.0847, -35.6317, 29.9429

Protanopia

52.6720, -6.9036, 30.6319

Deuteranopia

52.7493, 3.6020, 29.1752



Tritanopia

52.9904, -13.1079, -6.8743

Trichromacy



Original Color

53.0847, -35.6317, 29.9429

Protanomaly

52.1988, -19.3378, 29.9303

Deuteranomaly

51.7443, -13.1111, 28.6934

Tritanomaly

52.5316, -23.8280, 12.2544

Monochromacy



Original Color

53.0847, -35.6317, 29.9429

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

47.5272, -16.7584, 15.7821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0847, -35.6317, 29.9429 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(83, 163, 39)` looks like.

```
.text, #text, p{  
    color:rgb(83, 163, 39)  
}
```

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(83, 163, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 163, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0847, -35.6317, 29.9429 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(83, 163, 39) }
```


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

```
.border{ border-color:rgb(83, 163, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 163, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 163, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 163, 39);  
box-shadow:4px 4px 4px 4px rgb(83, 163,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.0847, -35.6317, 29.9429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 163, 39) }
```

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

```
.background{ background-color: rgb(83, 163,  
39) }
```

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