

Converting Colors

Decimal(5350159)

Have a look what the booklet for
Decimal(5350159) contains.

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Color

Decimal(5350159)

Conversions

Conversions Part 1

Format	Color
Hex	51A30F
RGB	81, 163, 15
RGB Percent	32%, 64%, 6%
CMY	0.6824, 0.3608, 0.9412
CMYK	0.50, 0.00, 0.91, 0.36
HSL	93°, 83%, 35%
HSV	93°, 91%, 64%
XYZ	16.5768, 27.9782, 4.9786
YIQ	121.6100, -1.3640, -63.4120

Conversions

Conversions Part 2

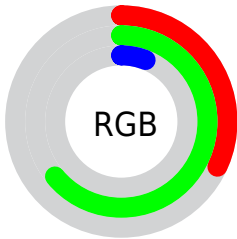
Format	Color
RYB	15, 163, 97
Decimal	5350159
CIELab	59.87, -47.67, 59.29
CIELCh	60, 76.076, 128.797
Yxy	27.9782, 0.3347, 0.5648
Android (android.graphics.Color)	4283540239 (0xFF51A30F)
YUV	121.6100, -52.5587, -35.6150
Hunter-Lab	52.8944, -36.6246, 31.4455

Details

The Decimal color **5350159** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6360995**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9100110**, and **552448** is the 20% darker color. If you saturate the color by 10%, you get **4825856**, and if you desaturate by 10%, it is **5939999**.

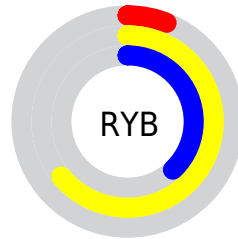
Distribution



Red (32%)

Green (64%)

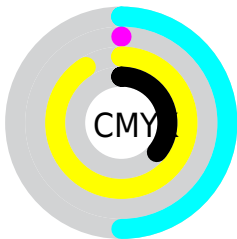
Blue (6%)



Red (6%)

Yellow (64%)

Blue (38%)

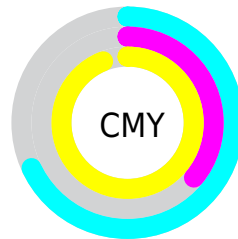


Cyan (50%)

Magenta (0%)

Yellow (91%)

Black (36%)



Cyan (68%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5350159 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 Decimal color 5350159 by changing the saturation by 10% instead.

■ 5350159

■ 5350159

16777215

■ 3377152

■ 9100110

■ 552448

■ 11007850

■ 21760

■ 12910469

■ 15616

■ 14811041

■ 10240

■ 16777149

■ 0

■ 16777178

■ 16777207

■ 5350159

■ 5350159

■ 4825856

■ 5939999

■ 6529840

■ 7119680

■ 7709520

■ 8299361

■ 8889201

■ 9479041

■ 10068881

■ 10658722

Harmonies

Analogous

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



10261504



5350159



43869

Triad

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



5350159



42239



16728703

Complementary

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



5350159



6360995

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.



15618498



5350159



37631

Square

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



5350159



44515



11171066



16341567

Rectangle

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



5350159



44427



11171066



16728982

Sweetspot

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



5350159



11850907



10706959



5794633



15461355



7039851

Same Dimension

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



5350159



6214656



1024790



5067337



4296960



528896

Inverse Universe

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



6360995



7667924



10686364



5130578



5308561



655378

Previews

White Background



This preview shows how the Decimal color 5350159 looks on a white background.

Color Contrast Check

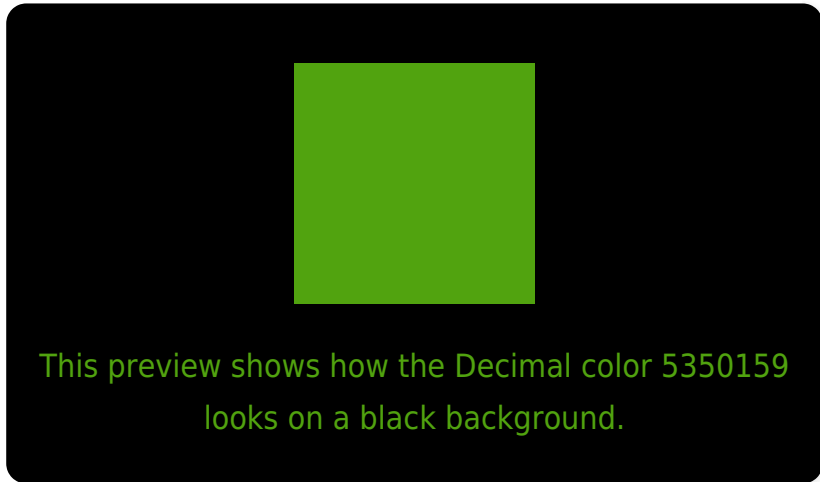
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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](#).

Decimal 5350159 Background



This preview shows how black text looks on a background with the Decimal color 5350159.



This preview shows how white text looks on a background with the Decimal color 5350159.

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
5350159

Protanopia
10653696

Deuteranopia
11831332



Tritanopia
6789284

Trichromacy



Original Color
5350159

Protanomaly
8754949

Deuteranomaly
9474588

Tritanomaly
6265966

Monochromacy



Original Color
5350159

Achromatopsia
8026746

Achromatomaly
7047507

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5350159 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 #51A30F looks like.

```
.text, #text, p{  
    color:#51A30F  
}
```

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 #51A30F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A30F
}
```

Border

The CSS property to change the border of an element to Decimal 5350159 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
#51A30F }
```

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

```
.border{ border-color:#51A30F }
```

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

Here you see how a box with a 4 pixel #51A30F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A30F; -webkit-box-shadow:4px 4px  
4px 4px #51A30F; box-shadow:4px 4px 4px  
4px #51A30F }
```

Background

The CSS property to change the background color of an element to Decimal 5350159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A30F }
```

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

```
.background{ background-color:#51A30F }
```

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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