

Converting Colors

Decimal(6139683)

Have a look what the booklet for
Decimal(6139683) contains.

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Color

Decimal(6139683)

Conversions

Conversions Part 1

Format	Color
Hex	5DAF23
RGB	93, 175, 35
RGB Percent	36%, 69%, 14%
CMY	0.6353, 0.3137, 0.8627
CMYK	0.47, 0.00, 0.80, 0.31
HSL	95°, 67%, 41%
HSV	95°, 80%, 69%
XYZ	20.1475, 33.1084, 6.9188
YIQ	134.5220, -3.9320, -60.9240

Conversions

Conversions Part 2

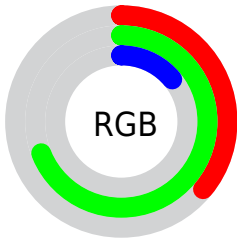
Format	Color
RYB	35, 175, 117
Decimal	6139683
CIELab	64.25, -47.77, 58.55
CIELCh	64, 75.568, 129.213
Yxy	33.1084, 0.3348, 0.5502
Android (android.graphics.Color)	4284329763 (0xFF5DAF23)
YUV	134.5220, -49.0643, -36.4148
Hunter-Lab	57.5399, -38.1933, 33.1487

Details

The Decimal color **6139683** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7676847**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **9889628**, and **1997312** is the 20% darker color. If you saturate the color by 10%, you get **5484305**, and if you desaturate by 10%, it is **6795061**.

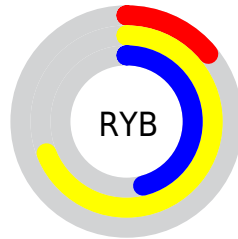
Distribution



Red (36%)

Green (69%)

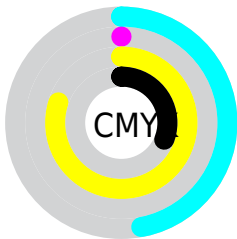
Blue (14%)



Red (14%)

Yellow (69%)

Blue (46%)

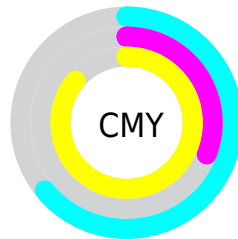


Cyan (47%)

Magenta (0%)

Yellow (80%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6139683 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 6139683 by changing the saturation by 10% instead.

 6139683

 6139683

16777215

 4232192

 9889628

 1997312

 11796343

 24576

 13696915

 18176

 15663023

 12288

 16777163

 5888

 16777192

 0

 6139683

 6139683

 5484305

 6795061

■ 4763392

■ 7515974

■ 8171352

■ 8826729

■ 9482106

■ 10203020

■ 10858398

■ 11513775

■ 12169153

Harmonies

Analogous

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



11050752



6139683



46953

Triad

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



6139683



45311



16732810

Complementary

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



6139683



7676847

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.



16474061



6139683



40447

Square

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



6139683



47600



12026111



16738377

Rectangle

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



6139683



47768



12026111



16732832

Sweetspot

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



6139683



12837804



11498787



6255441



15921906



7566195

Same Dimension

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



6139683



6546185



2338607



5396302



4101632



661248

Inverse Universe

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



7676847



8980963



11477923



5459543



5767318



851991

Previews

White Background



This preview shows how the Decimal color 6139683 looks on a white background.

Color Contrast Check

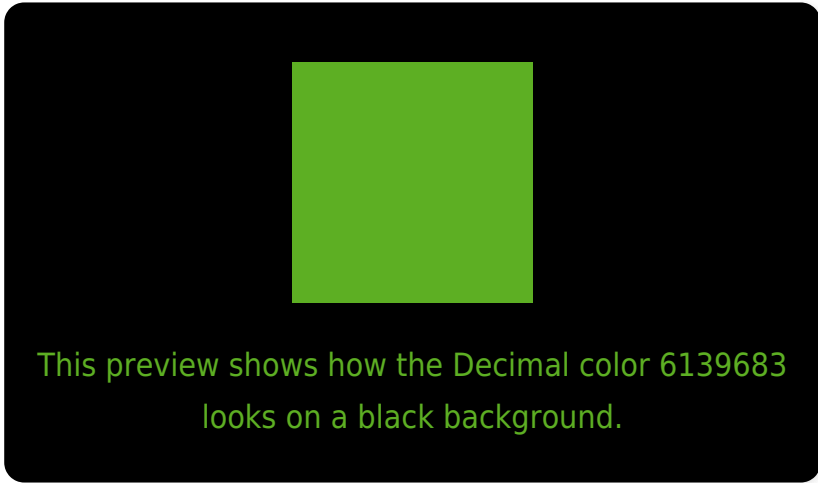
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Decimal 6139683 Background



This preview shows how black text looks on a background with the Decimal color 6139683.



This preview shows how white text looks on a background with the Decimal color 6139683.

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
6139683

Protanopia
11442974

Deuteranopia
12751665



Tritanopia
7578544

Trichromacy



Original Color
6139683



Protanomaly
9544224



Deuteranomaly
10329388



Tritanomaly
7055229

Monochromacy



Original Color
6139683



Achromatopsia
8882055



Achromatomaly
7902819

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6139683 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 #5DAF23 looks like.

```
.text, #text, p{  
  color:#5DAF23  
}
```

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 #5DAF23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAF23
}
```

Border

The CSS property to change the border of an element to Decimal 6139683 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
#5DAF23 }
```

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

```
.border{ border-color:#5DAF23 }
```

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

Here you see how a box with a 4 pixel #5DAF23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAF23; -webkit-box-shadow:4px 4px  
4px 4px #5DAF23; box-shadow:4px 4px 4px  
4px #5DAF23 }
```

Background

The CSS property to change the background color of an element to Decimal 6139683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAF23 }
```

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

```
.background{ background-color:#5DAF23 }
```

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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