

# Converting Colors

Decimal(6134813)

Have a look what the booklet for  
Decimal(6134813) contains.

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**Color**

**Decimal(6134813)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D9C1D
RGB	93, 156, 29
RGB Percent	36%, 61%, 11%
CMY	0.6353, 0.3882, 0.8863
CMYK	0.40, 0.00, 0.81, 0.39
HSL	90°, 69%, 36%
HSV	90°, 81%, 61%
XYZ	16.6244, 26.1928, 5.3419
YIQ	122.6850, 3.2190, -52.8530

# Conversions

## Conversions Part 2

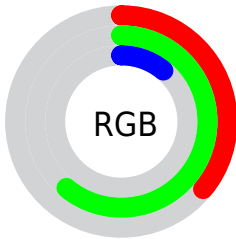
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 156, 92
Decimal	6134813
CIE <sub>Lab</sub>	58.22, -40.29, 54.75
CIE <sub>LCh</sub>	58, 67.975, 126.349
Yxy	26.1928, 0.3452, 0.5439
Android (android.graphics.Color)	4284324893 (0xFF5D9C1D)
YUV	122.6850, -46.1867, -26.0337
Hunter-Lab	51.1789, -31.5809, 29.6367

# Details

The Decimal color **6134813** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6036892**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **9753429**, and **2385920** is the 20% darker color. If you saturate the color by 10%, you get **5610509**, and if you desaturate by 10%, it is **6659117**.

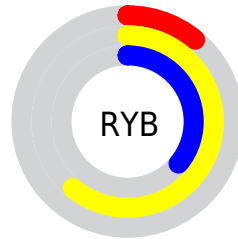
# Distribution



Red (36%)

Green (61%)

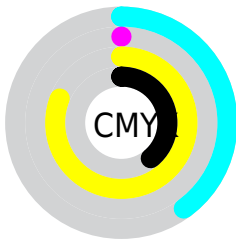
Blue (11%)



Red (11%)

Yellow (61%)

Blue (36%)

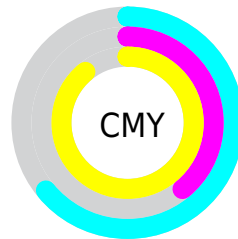


Cyan (40%)

Magenta (0%)

Yellow (81%)

Black (39%)



Cyan (64%)

Magenta (39%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6134813 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 6134813 by changing the saturation by 10% instead.





6134813



6134813

16777215



4293120



9753429



2385920



11661424



20224



13500299



14336



15466406



8960



16777155



0



16777183



16777213



6134813



6134813

■ 5610509

■ 6659117

■ 5217280

■ 7117884

■ 7642188

■ 8166491

■ 8690795

■ 9149563

■ 9673866

■ 10198170

■ 10722473

# Harmonies

## Analogous

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



10259712



6134813



42073

# Triad

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



6134813



40953



16075906

# Complementary

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



6134813



6036892

# 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.



14441149



6134813



36863

# Square

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



6134813



42705



10319597



15555657

# Rectangle

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



6134813



42883



10319597



15814038



# Sweetspot

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



6134813



11848859



10246685



5727816



15132390



6710886



# Same Dimension

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



6134813



6933508



2071581



4935495



4755200



528128



# Inverse Universe

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



6036892



6751436



10100124



4933455



4653199



524303



# Previews

## White Background



This preview shows how the Decimal color 6134813 looks on a white background.

## Color Contrast Check

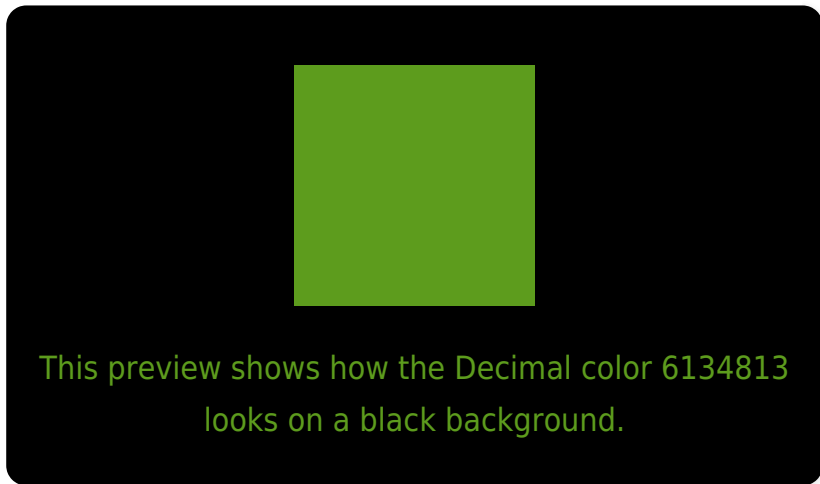
Large Text (above 18pt) WCAG AA ✓ Pass

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 6134813 Background



This preview shows how black text looks on a background with the Decimal color 6134813.



This preview shows how white text looks on a background with the Decimal color 6134813.

# 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**  
6134813

**Protanopia**  
10325017

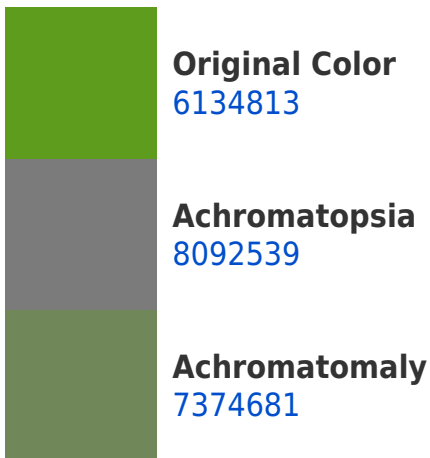
**Deuteranopia**  
11502633



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6134813 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 #5D9C1D looks like.

```
.text, #text, p{  
    color:#5D9C1D  
}
```

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 #5D9C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9C1D
}
```

## Border

The CSS property to change the border of an element to Decimal 6134813 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
#5D9C1D }
```

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

```
.border{ border-color:#5D9C1D }
```

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

Here you see how a box with a 4 pixel #5D9C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9C1D; -webkit-box-shadow:4px 4px  
4px 4px #5D9C1D; box-shadow:4px 4px 4px  
4px #5D9C1D }
```

# Background

The CSS property to change the background color of an element to Decimal 6134813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9C1D }
```

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

```
.background{ background-color:#5D9C1D }
```

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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