

# Converting Colors

Decimal(6218589)

Have a look what the booklet for  
Decimal(6218589) contains.

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# **Color**

**Decimal(6218589)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE35D
RGB	94, 227, 93
RGB Percent	37%, 89%, 36%
CMY	0.6314, 0.1098, 0.6353
CMYK	0.59, 0.00, 0.59, 0.11
HSL	120°, 71%, 63%
HSV	120°, 59%, 89%
XYZ	34.0610, 58.1082, 19.7767
YIQ	171.9570, -36.2540, -69.8700

# Conversions

## Conversions Part 2

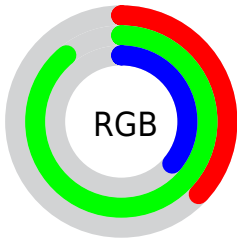
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 227, 226
Decimal	6218589
CIELab	80.80, -62.09, 53.63
CIELCh	81, 82.044, 139.181
Yxy	58.1082, 0.3043, 0.5191
Android (android.graphics.Color)	4284408669 (0xFF5EE35D)
YUV	171.9570, -38.9258, -68.3683
Hunter-Lab	76.2287, -53.6418, 37.9779

# Details

The Decimal color **6218589** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **14835171**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **10289043**, and **43558** is the 20% darker color. If you saturate the color by 10%, you get **4711238**, and if you desaturate by 10%, it is **7725940**.

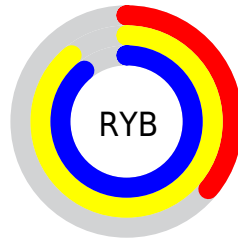
# Distribution



Red (37%)

Green (89%)

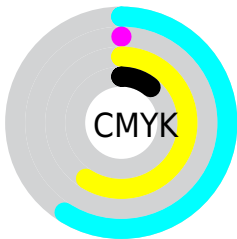
Blue (36%)



Red (36%)

Yellow (89%)

Blue (89%)

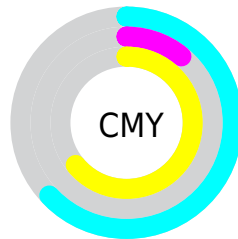


Cyan (59%)

Magenta (0%)

Yellow (59%)

Black (11%)



Cyan (63%)

Magenta (11%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6218589 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 6218589 by changing the saturation by 10% instead.



 6218589

 6218589

16777215

 3982914

 10289043

 43558

 12255151

 36608

 14221259

 29696

 16187368

 23040

 16640

 10752

 1280

 0

■ 6218589

■ 6218589

■ 4711238

■ 7725940

■ 3269424

■ 9167754

■ 1762073

■ 10675105

■ 320258

■ 12116920

■ 189184

■ 13624271

■ 15066085

■ 16573436

■ 16770047

# Harmonies

## Analogous

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



12571673



6218589



60329

# Triad

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



6218589



56063



16744347

# Complementary

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



6218589



14835171

# 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.



16744680



6218589



9421055

# Square

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



6218589



59647



16752127



16751445

# Rectangle

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



6218589



60895



16752127



16743348

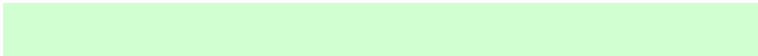


# Sweetspot

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



6218589



13762513



14934365



6586467



0



8421504



# Same Dimension

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



6218589



4980554



6153118



6779751



111360



13056



# Inverse Universe

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



14835171



16665343



14900642



7563123



11600051



3342387



# Previews

## White Background



This preview shows how the Decimal color 6218589 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



This preview shows how the Decimal color 6218589 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

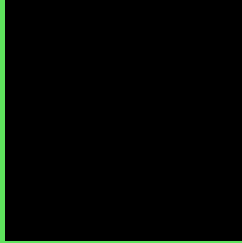
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6218589 Background



This preview shows how black text looks on a background with the Decimal color 6218589.



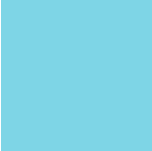
This preview shows how white text looks on a background with the Decimal color 6218589.

# 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





**Tritanopia**  
8312294

# Trichromacy



**Original Color**  
6218589



**Protanomaly**  
11522392



**Deuteranomaly**  
12438372



**Tritanomaly**  
7527092

# Monochromacy



**Original Color**  
6218589



**Achromatopsia**  
11316396



**Achromatomaly**  
9486479

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6218589 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 #5EE35D looks like.

```
.text, #text, p{  
    color:#5EE35D  
}
```

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 #5EE35D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE35D
}
```

## Border

The CSS property to change the border of an element to Decimal 6218589 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
#5EE35D }
```

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

```
.border{ border-color:#5EE35D }
```

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

Here you see how a box with a 4 pixel #5EE35D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE35D; -webkit-box-shadow:4px 4px  
4px 4px #5EE35D; box-shadow:4px 4px 4px  
4px #5EE35D }
```

# Background

The CSS property to change the background color of an element to Decimal 6218589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE35D }
```

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

```
.background{ background-color:#5EE35D }
```

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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