

# Converting Colors

Hex(5DA60D)

Have a look what the booklet for  
Hex(5DA60D) contains.

<b>Hex(5DA60D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(5DA60D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5DA60D
RGB	93, 166, 13
RGB Percent	36%, 65%, 5%
CMY	0.6353, 0.3490, 0.9490
CMYK	0.44, 0.00, 0.92, 0.35
HSL	89°, 85%, 35%
HSV	89°, 92%, 65%
XYZ	18.2231, 29.6287, 5.1392
YIQ	126.7310, 5.6050, -63.0590

# Conversions

## Conversions Part 2

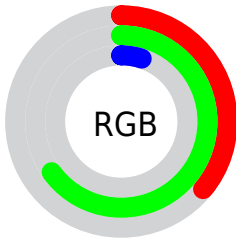
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 166, 86
Decimal	6137357
CIELab	61.33, -45.02, 61.05
CIElCh	61, 75.855, 126.403
Yxy	29.6287, 0.3439, 0.5591
Android (android.graphics.Color)	4284327437 (0xFF5DA60D)
YUV	126.7310, -56.0694, -29.5821
Hunter-Lab	54.4322, -35.4973, 32.5047

# Details

The Hex color **5DA60D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **560DA6**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **96DE4E**, and **207100** is the 20% darker color. If you saturate the color by 10%, you get **57A600**, and if you desaturate by 10%, it is **65A61E**.

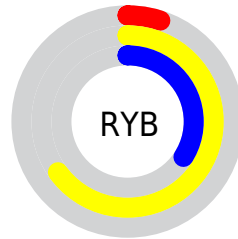
# Distribution



Red (36%)

Green (65%)

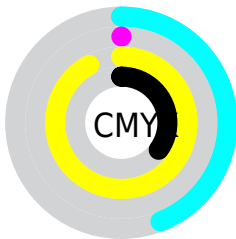
Blue (5%)



Red (5%)

Yellow (65%)

Blue (34%)

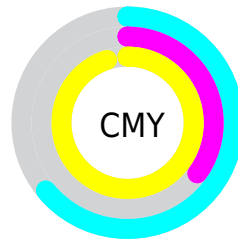


Cyan (44%)

Magenta (0%)

Yellow (92%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DA60D 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 Hex color 5DA60D by changing the saturation by 10% instead.



 5DA60D

 5DA60D

FFFFFF

 408B00

 96DE4E

 207100

 B2FA6A

 005800

 D0FF85

 004000

 EDFFA1

 002A00

 FFFFBD

 000900

 FFFFDA

 000000

 FFFFF8

 5DA60D

 5DA60D

■ 57A600

■ 65A61E

■ 6DA62E

■ 75A63F

■ 7DA64F

■ 85A660

■ 8DA671

■ 94A681

■ 9CA692

■ A4A6A2

# Harmonies

## Analogous

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



A59600



5DA60D



00AF5B

# Triad

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



5DA60D



00A9FF



FF4789

# Complementary

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



5DA60D



560DA6

# 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.



EE59CB



5DA60D



0098FF

# Square

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



5DA60D



00B1E2



A67BFF



FF5C48

# Rectangle

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



5DA60D



00B18A



A67BFF



FF499F



# Sweetspot

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



5DA60D



BCD99C



A6540D



5C6E48



EDEDED



6E6E6E



# Same Dimension

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



5DA60D



71D900



12A60D



50544C



4D9400



0B1400



# Inverse Universe

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



560DA6



6700D9



A10DA6



504C54



470094



0A0014



# Previews

## White Background



This preview shows how the Hex color 5DA60D looks on a white background.

## Color Contrast Check

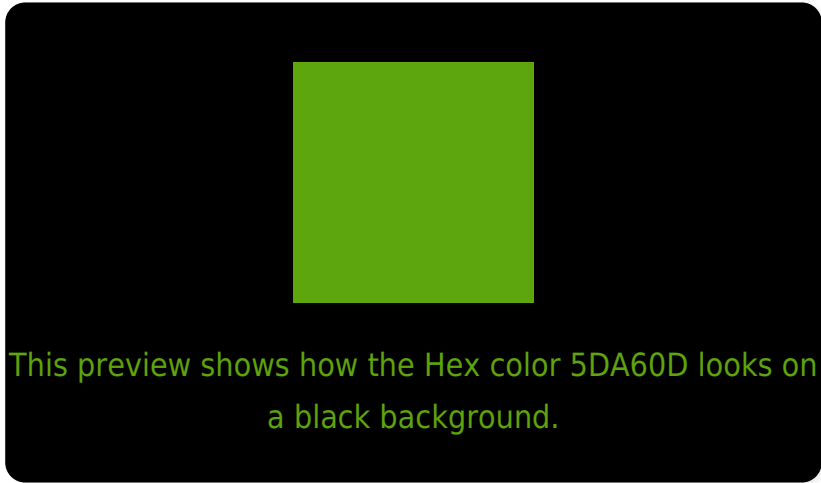
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Hex 5DA60D Background



This preview shows how black text looks on a background with the Hex color 5DA60D.

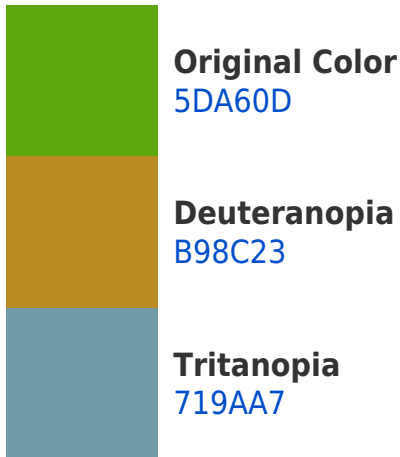


This preview shows how white text looks on a background with the Hex color 5DA60D.

# 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](#).

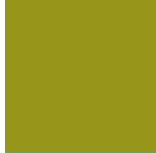
## Dichromacy



# Trichromacy



**Original Color**  
5DA60D



**Deuteranomaly**  
98951B



**Tritanomaly**  
6A9E6F

# Monochromacy



**Original Color**  
5DA60D



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
738D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DA60D 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 #5DA60D looks like.

```
.text, #text, p{  
    color:#5DA60D  
}
```

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 #5DA60D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA60D
}
```

## Border

The CSS property to change the border of an element to Hex 5DA60D 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
#5DA60D }
```

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

```
.border{ border-color:#5DA60D }
```

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

Here you see how a box with a 4 pixel #5DA60D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA60D; -webkit-box-shadow:4px 4px  
4px 4px #5DA60D; box-shadow:4px 4px 4px  
4px #5DA60D }
```

# Background

The CSS property to change the background color of an element to Hex 5DA60D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA60D }
```

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

```
.background{ background-color:#5DA60D }
```

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