

# Converting Colors

Hex(5DA000)

Have a look what the booklet for  
Hex(5DA000) contains.

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**Color**

**Hex(5DA000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DA000
RGB	93, 160, 0
RGB Percent	36%, 63%, 0%
CMY	0.6353, 0.3725, 1.0000
CMYK	0.42, 0.00, 1.00, 0.37
HSL	85°, 100%, 31%
HSV	85°, 100%, 63%
XYZ	17.0850, 27.4688, 4.4015
YIQ	121.7270, 11.4280, -63.9640

# Conversions

## Conversions Part 2

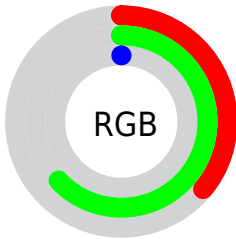
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 160, 67
Decimal	6135808
CIELab	59.41, -42.84, 61.37
CIElCh	59, 74.845, 124.919
Yxy	27.4688, 0.3490, 0.5611
Android (android.graphics.Color)	4284325888 (0xFF5DA000)
YUV	121.7270, -60.0114, -25.1936
Hunter-Lab	52.4107, -33.5306, 31.7082

# Details

The Hex color **5DA000** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4300A0**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **95D748**, and **226C00** is the 20% darker color. If you saturate the color by 10%, you get **5DA000**, and if you desaturate by 10%, it is **64A010**.

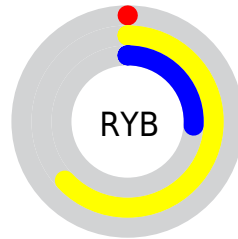
# Distribution



Red (36%)

Green (63%)

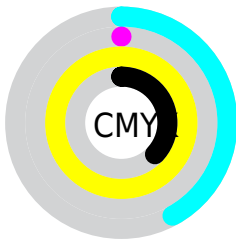
Blue (0%)



Red (0%)

Yellow (63%)

Blue (26%)

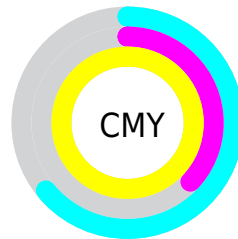


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (64%)

Magenta (37%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DA000 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 5DA000 by changing the saturation by 10% instead.



 5DA000

 5DA000

FFFFFF

 408500

 95D748

 226C00

 B2F464

 005300

 CFFF7F

 003B00

 EDFF9B

 002600

 FFFFB7

 000000

 FFFFD4

 FFFFF1

 5DA000

 64A010

 6AA020

 71A030

 78A040

 7EA050

 85A060

 8CA070

 93A080

 99A090

# Harmonies

## Analogous

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



A29000



5DA000



00A954

# Triad

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



5DA000



00A4FF



FF4387

# Complementary

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



5DA000



4300A0

# 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.



E556C8



5DA000



0094FF

# Square

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



5DA000



00ABD9



9B78FC



FA5647

# Rectangle

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



5DA000



00AC81



9B78FC



FC459D



# Sweetspot

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



5DA000



B7D192



A04300



596943



E8E8E8



696969



# Same Dimension

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



5DA000



7AD100



0DA000



4C4F47



538F00



090F00



# Inverse Universe

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



4300A0



5800D1



9300A0



4A474F



3C008F



06000F



# Previews

## White Background



This preview shows how the Hex color 5DA000 looks on a white background.

## Color Contrast Check

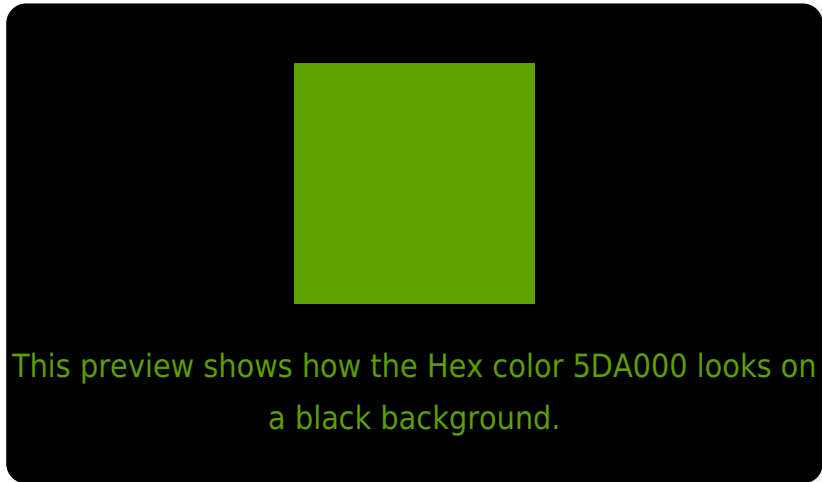
Large Text (above 18pt) WCAG AA ✓ Pass

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 5DA000 Background



This preview shows how black text looks on a background with the Hex color 5DA000.

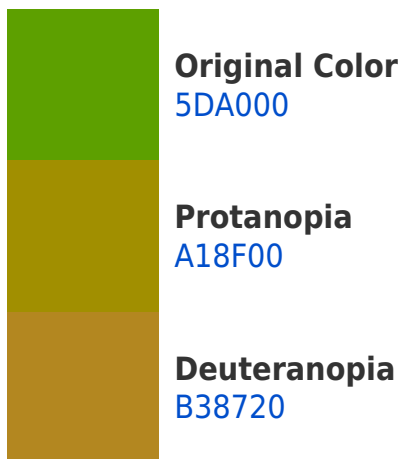


This preview shows how white text looks on a background with the Hex color 5DA000.

# 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**  
7095A1

# Trichromacy



**Original Color**  
5DA000



**Protanomaly**  
889500



**Deuteranomaly**  
949014



**Tritanomaly**  
699966

# Monochromacy



**Original Color**  
5DA000



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
6F884E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DA000 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 #5DA000 looks like.

```
.text, #text, p{  
    color:#5DA000  
}
```

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 #5DA000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA000  
}
```

## Border

The CSS property to change the border of an element to Hex 5DA000 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  
#5DA000 }
```

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

```
.border{ border-color:#5DA000 }
```

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

Here you see how a box with a 4 pixel #5DA000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA000; -webkit-box-shadow:4px 4px  
4px 4px #5DA000; box-shadow:4px 4px 4px  
4px #5DA000 }
```

# Background

The CSS property to change the background color of an element to Hex 5DA000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA000 }
```

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

```
.background{ background-color:#5DA000 }
```

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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