

# Converting Colors

Hex(58A024)

Have a look what the booklet for  
Hex(58A024) contains.

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**Color**

**Hex(58A024)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58A024
RGB	88, 160, 36
RGB Percent	35%, 63%, 14%
CMY	0.6549, 0.3725, 0.8588
CMYK	0.45, 0.00, 0.78, 0.37
HSL	95°, 63%, 38%
HSV	95°, 78%, 63%
XYZ	16.9137, 27.3437, 6.0555
YIQ	124.3360, -3.1080, -53.8280

# Conversions

## Conversions Part 2

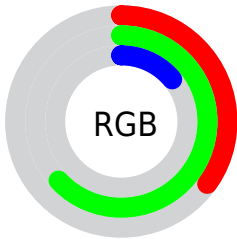
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 160, 108
Decimal	5808164
CIELab	59.29, -43.29, 53.47
CIELCh	59, 68.801, 128.997
Yxy	27.3437, 0.3362, 0.5435
Android (android.graphics.Color)	4283998244 (0xFF58A024)
YUV	124.3360, -43.5496, -31.8667
Hunter-Lab	52.2912, -33.7732, 29.7379

# Details

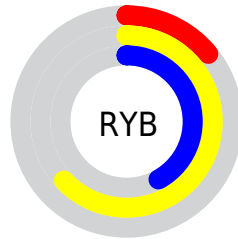
The Hex color **58A024** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6C24A0**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **90D75B**, and **1C6C00** is the 20% darker color. If you saturate the color by 10%, you get **4FA014**, and if you desaturate by 10%, it is **61A034**.

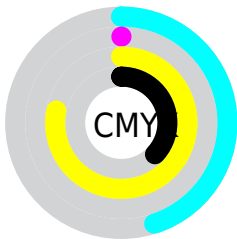
# Distribution



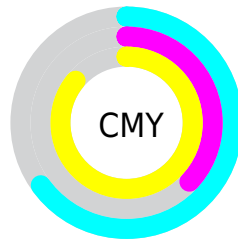
- Red (35%)
- Green (63%)
- Blue (14%)



- Red (14%)
- Yellow (63%)
- Blue (42%)



- Cyan (45%)
- Magenta (0%)
- Yellow (78%)
- Black (37%)



- Cyan (65%)
- Magenta (37%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58A024 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 58A024 by changing the saturation by 10% instead.





58A024



58A024

FFFFFF



3C8500



90D75B



1C6C00



ACF475



005300



C9FF90



003B00



E6FFAC



002600



FFFFC8



000000



FFFFE5



58A024



58A024



4FA014



61A034

■ 45A004

■ 6BA044

■ 43A000

■ 74A054

■ 7DA064

■ 86A074

■ 90A084

■ 99A094

■ A2A0A4

■ ACA0B4

# Harmonies

## Analogous

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



9A9200



58A024



00A861

# Triad

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



58A024



00A1FF



FA4E7F

# Complementary

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



58A024



6C24A0

# 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.



E459BB



58A024



0090FF

# Square

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



58A024



00A9DA



A776EE



EF6145

# Rectangle

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



58A024



00AA8B



A776EE



F74F93



# Sweetspot

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



58A024



B5D1A1



A06A24



58694B



E8E8E8



696969



# Same Dimension

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



58A024



60D10F



24A02C



4A4F47



3C8F00



060F00



# Inverse Universe

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



6C24A0



800FD1



A02498



4C474F



53008F



09000F



# Previews

## White Background



This preview shows how the Hex color 58A024 looks on a white background.

## Color Contrast Check

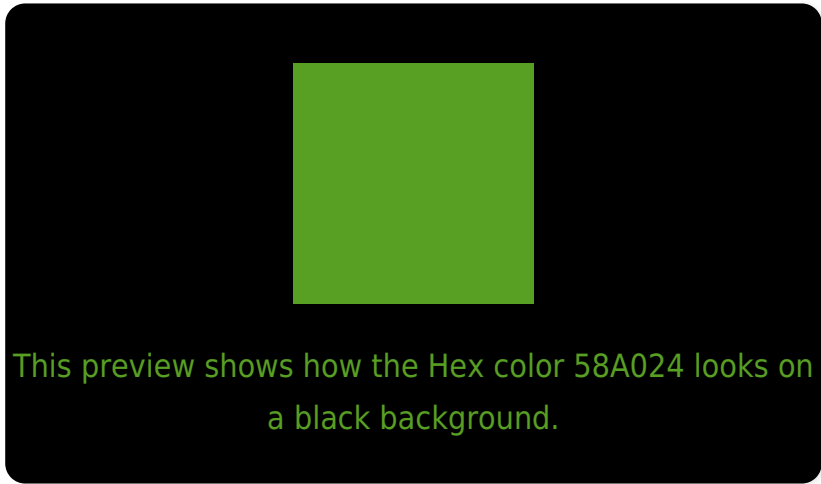
Large Text (above 18pt) WCAG AA ✓ Pass

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 58A024 Background



This preview shows how black text looks on a background with the Hex color 58A024.



This preview shows how white text looks on a background with the Hex color 58A024.

# 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**  
58A024

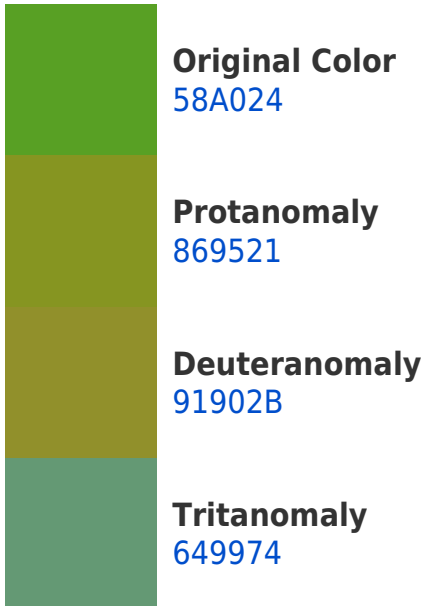
**Protanopia**  
A08E1F

**Deuteranopia**  
B2872F



**Tritanopia**  
6B95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58A024 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 #58A024 looks like.

```
.text, #text, p{  
    color:#58A024  
}
```

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 #58A024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A024
}
```

## Border

The CSS property to change the border of an element to Hex 58A024 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
#58A024 }
```

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

```
.border{ border-color:#58A024 }
```

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

Here you see how a box with a 4 pixel #58A024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A024; -webkit-box-shadow:4px 4px  
4px 4px #58A024; box-shadow:4px 4px 4px  
4px #58A024 }
```

# Background

The CSS property to change the background color of an element to Hex 58A024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A024 }
```

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

```
.background{ background-color:#58A024 }
```

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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