

# Converting Colors

Hex(586932)

Have a look what the booklet for  
Hex(586932) contains.

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**Color**

**Hex(586932)**

# Conversions

## Conversions Part 1

Format	Color
Hex	586932
RGB	88, 105, 50
RGB Percent	35%, 41%, 20%
CMY	0.6549, 0.5882, 0.8039
CMYK	0.16, 0.00, 0.52, 0.59
HSL	79°, 35%, 30%
HSV	79°, 52%, 41%
XYZ	9.6518, 12.4081, 4.9039
YIQ	93.6470, 7.5230, -20.7090

# Conversions

## Conversions Part 2

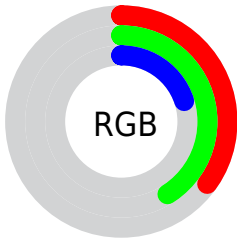
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 105, 67
Decimal	5794098
CIELab	41.86, -16.12, 28.60
CIELCh	42, 32.825, 119.404
Yxy	12.4081, 0.3580, 0.4602
Android (android.graphics.Color)	4283984178 (0xFF586932)
YUV	93.6470, -21.5180, -4.9524
Hunter-Lab	35.2252, -12.7346, 16.4035

# Details

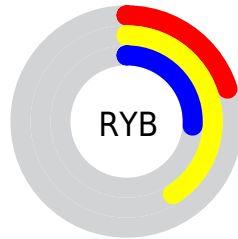
The Hex color **586932** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **433269**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8B9C62**, and **293A03** is the 20% darker color. If you saturate the color by 10%, you get **556927**, and if you desaturate by 10%, it is **5B693C**.

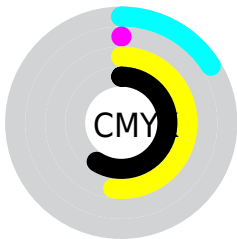
# Distribution



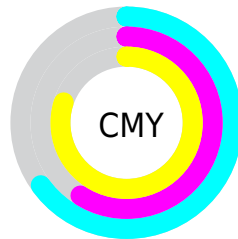
- Red (35%)
- Green (41%)
- Blue (20%)



- Red (20%)
- Yellow (41%)
- Blue (26%)



- Cyan (16%)
- Magenta (0%)
- Yellow (52%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 586932 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 586932 by changing the saturation by 10% instead.



 586932

 586932

FFFFFF

 40511B

 8B9C62

 293A03

 A6B77B

 132400

 C1D395

 000D00

 DEEFB0

 000000

 FAFFCC

 FFFFEE

 586932

 586932

 556927

 5B693C

■ 52691D

■ 5E6947

■ 4E6913

■ 626951

■ 4B6908

■ 65695C

■ 496900

■ 686966

■ 6B6971

■ 6F697B

■ 726986

■ 756991

# Harmonies

## Analogous

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



73612B



586932



366E46

# Triad

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



586932



006D91



944C64

# Complementary

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



586932



433269

# 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.



84527F



586932



326699

# Square

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



586932



00707C



645C92



954F4A

# Rectangle

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



586932



117058



645C92



904D6E



# Sweetspot

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



586932



838A74



694232



414538



C4C4C4



454545



# Same Dimension

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



586932



6F8A33



3D6932



343630



517500



A9F500



# Inverse Universe

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



433269



4E338A



5E3269



323036



240075



4C00F5



# Previews

## White Background



This preview shows how the Hex color 586932 looks on a white background.

## Color Contrast Check

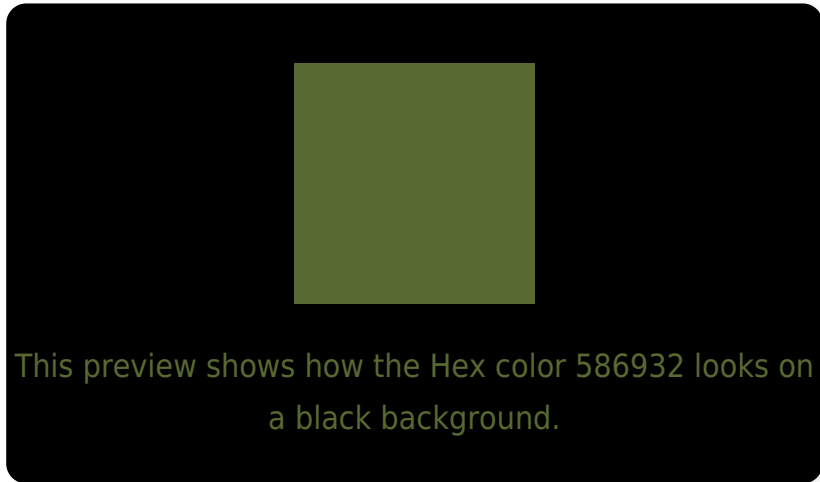
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

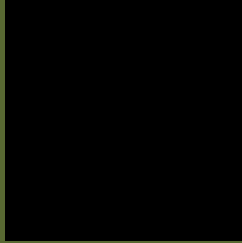
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 586932 Background



This preview shows how black text looks on a background with the Hex color 586932.



This preview shows how white text looks on a background with the Hex color 586932.

# 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**  
586932

**Protanopia**  
6D6330

**Deuteranopia**  
795E35



**Tritanopia**  
5F636B

# Trichromacy



**Original Color**  
586932

**Protanomaly**  
656531

**Deuteranomaly**  
6D6234

**Tritanomaly**  
5C6556

# Monochromacy



**Original Color**  
586932

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5C624E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 586932 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 #586932 looks like.

```
.text, #text, p{  
    color:#586932  
}
```

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 #586932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586932
}
```

## Border

The CSS property to change the border of an element to Hex 586932 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
#586932 }
```

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

```
.border{ border-color:#586932 }
```

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

Here you see how a box with a 4 pixel #586932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586932; -webkit-box-shadow:4px 4px  
4px 4px #586932; box-shadow:4px 4px 4px  
4px #586932 }
```

# Background

The CSS property to change the background color of an element to Hex 586932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586932 }
```

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

```
.background{ background-color:#586932 }
```

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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