

# Converting Colors

Hex(568922)

Have a look what the booklet for  
Hex(568922) contains.

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**Color**

**Hex(568922)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	568922
RGB	86, 137, 34
RGB Percent	34%, 54%, 13%
CMY	0.6627, 0.4627, 0.8667
CMYK	0.37, 0.00, 0.75, 0.46
HSL	90°, 60%, 34%
HSV	90°, 75%, 54%
XYZ	13.0721, 19.9852, 4.6819
YIQ	110.0090, 2.6670, -42.8450

# Conversions

## Conversions Part 2

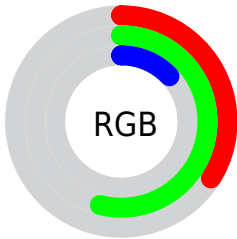
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 137, 85
Decimal	5671202
CIELab	51.82, -34.24, 46.86
CIElCh	52, 58.039, 126.152
Yxy	19.9852, 0.3464, 0.5296
Android (android.graphics.Color)	4283861282 (0xFF568922)
YUV	110.0090, -37.4724, -21.0559
Hunter-Lab	44.7049, -26.0383, 25.0840

# Details

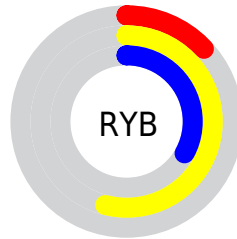
The Hex color **568922** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **552289**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8CBF56**, and **205700** is the 20% darker color. If you saturate the color by 10%, you get **4F8914**, and if you desaturate by 10%, it is **5D8930**.

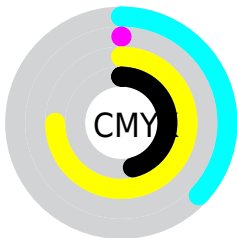
# Distribution



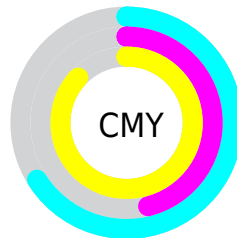
- Red (34%)
- Green (54%)
- Blue (13%)



- Red (13%)
- Yellow (54%)
- Blue (33%)



- Cyan (37%)
- Magenta (0%)
- Yellow (75%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 568922 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 568922 by changing the saturation by 10% instead.



 568922

 568922

FFFFFF

 3C6F01

 8CBF56

 205700

 A7DB70

 003F00

 C4F78B

 002900

 E0FFA6

 000C00

 FEFFC2

 000000

 FFFFDE

 FFFFFB

 568922

 568922

■ 4F8914

■ 5D8930

■ 488907

■ 64893D

■ 458900

■ 6A894B

■ 718959

■ 788966

■ 7F8974

■ 858982

■ 8C8990

■ 93899D

# Harmonies

## Analogous

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



8A7D00



568922



009051

# Triad

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



568922



008BD6



D44973

# Complementary

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



568922



552289

# 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.



BF53A5



568922



007EDF

# Square

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



568922



0092B5



8A6ACC



CE5544

# Rectangle

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



568922



009273



8A6ACC



D04A84



# Sweetspot

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



568922



9EB389



895422



4D5940



D9D9D9



595959



# Same Dimension

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



568922



63B312



248922



41453E



438500



030500



# Inverse Universe

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



552289



6112B3



872289



413E45



420085



030005



# Previews

## White Background



This preview shows how the Hex color 568922 looks on a white background.

## Color Contrast Check

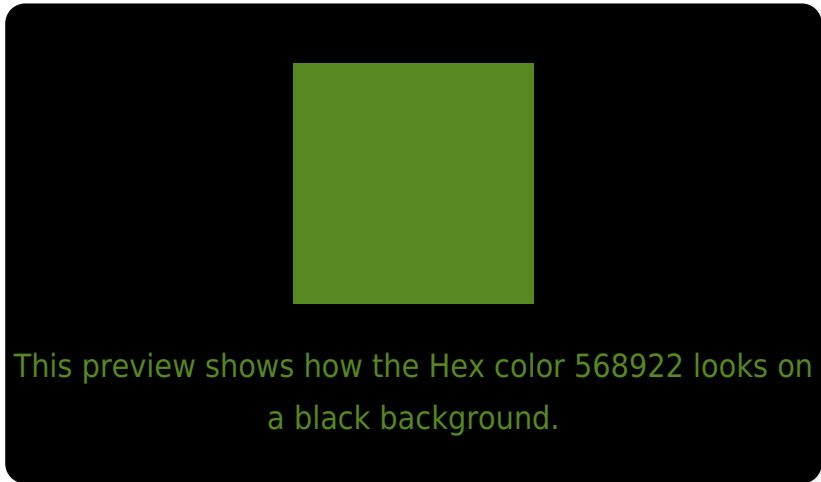
Large Text (above 18pt) WCAG AA ✓ Pass

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 568922 Background



This preview shows how black text looks on a background with the Hex color 568922.



This preview shows how white text looks on a background with the Hex color 568922.

# 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**  
568922

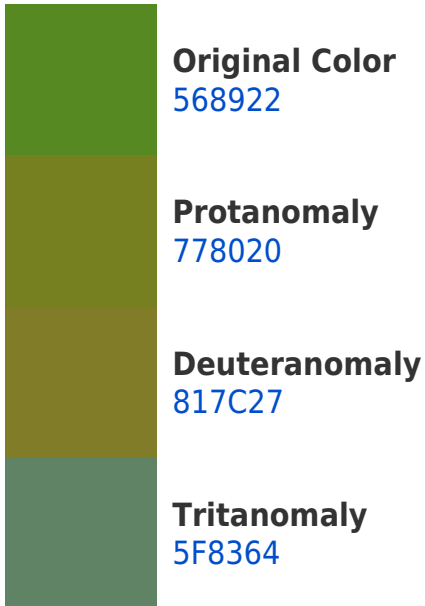
**Protanopia**  
8A7B1F

**Deuteranopia**  
9A752A



**Tritanopia**  
64808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 568922 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 #568922 looks like.

```
.text, #text, p{  
    color:#568922  
}
```

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 #568922 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568922
}
```

## Border

The CSS property to change the border of an element to Hex 568922 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
#568922 }
```

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

```
.border{ border-color:#568922 }
```

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

Here you see how a box with a 4 pixel #568922 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568922; -webkit-box-shadow:4px 4px  
4px 4px #568922; box-shadow:4px 4px 4px  
4px #568922 }
```

# Background

The CSS property to change the background color of an element to Hex 568922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568922 }
```

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

```
.background{ background-color:#568922 }
```

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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