

# Converting Colors

Hex(569032)

Have a look what the booklet for  
Hex(569032) contains.

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# Color

Hex(569032)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	569032
RGB	86, 144, 50
RGB Percent	34%, 56%, 20%
CMY	0.6627, 0.4353, 0.8039
CMYK	0.40, 0.00, 0.65, 0.44
HSL	97°, 48%, 38%
HSV	97°, 65%, 56%
XYZ	14.3867, 22.1552, 6.5357
YIQ	115.9420, -4.3940, -41.5300

# Conversions

## Conversions Part 2

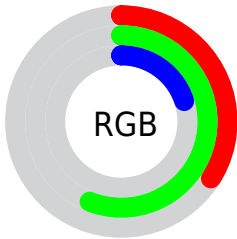
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 144, 108
Decimal	5673010
CIELab	54.19, -36.08, 42.71
CIElCh	54, 55.911, 130.190
Yxy	22.1552, 0.3340, 0.5143
Android (android.graphics.Color)	4283863090 (0xFF569032)
YUV	115.9420, -32.5094, -26.2591
Hunter-Lab	47.0694, -27.8129, 24.7159

# Details

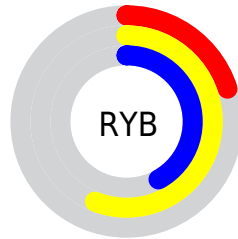
The Hex color **569032** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6C3290**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8CC665**, and **205D00** is the 20% darker color. If you saturate the color by 10%, you get **4D9024**, and if you desaturate by 10%, it is **5F9040**.

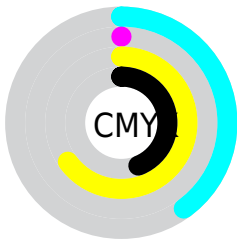
# Distribution



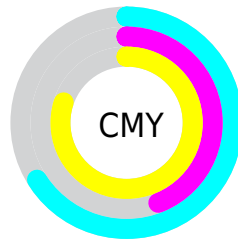
- Red (34%)
- Green (56%)
- Blue (20%)



- Red (20%)
- Yellow (56%)
- Blue (42%)



- Cyan (40%)
- Magenta (0%)
- Yellow (65%)
- Black (44%)



- Cyan (66%)
- Magenta (44%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 569032 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 569032 by changing the saturation by 10% instead.



 569032

 569032

FFFFFF

 3B7618

 8CC665

 205D00

 A7E37F

 004500

 C3FF99

 002E00

 E0FFB5

 001700

 FEFFD1

 000000

 FFFFEE

 569032

 569032

 4D9024

 5F9040

■ 449015

■ 68904F

■ 3B9007

■ 71905D

■ 379000

■ 7A906C

■ 82907A

■ 8B9088

■ 949097

■ 9D90A5

■ A690B4

# Harmonies

## Analogous

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



8B8414



569032



00965F

# Triad

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



569032



0090DC



D95373

# Complementary

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



569032



6C3290

# 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.



C859A3



569032



3982E1

# Square

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



569032



0097BF



996DCC



D06046

# Rectangle

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



569032



009880



996DCC



D65383



# Sweetspot

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



569032



A3BA95



906C32



505E48



DEDEDE



5E5E5E



# Same Dimension

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



569032



61BA29



32903D



434740



348700



030800



# Inverse Universe

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



6C3290



8329BA



903285



454047



530087



050008



# Previews

## White Background



This preview shows how the Hex color 569032 looks on a white background.

## Color Contrast Check

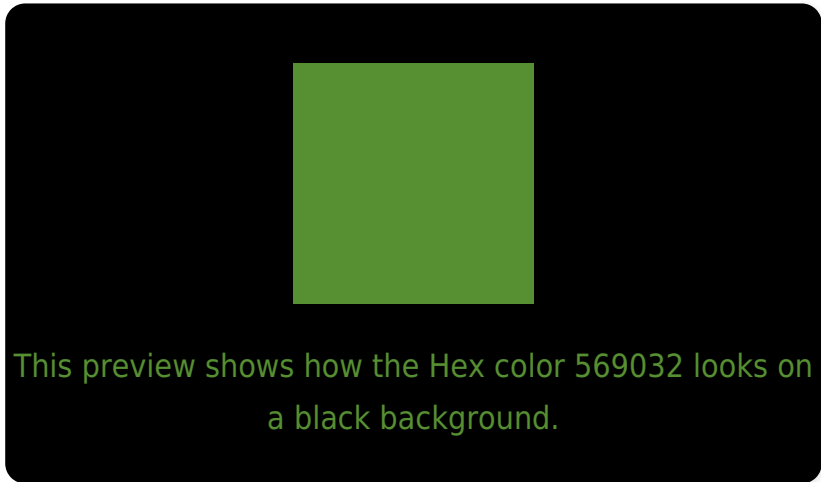
Large Text (above 18pt) WCAG AA ✓ Pass

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 569032 Background



This preview shows how black text looks on a background with the Hex color 569032.



This preview shows how white text looks on a background with the Hex color 569032.

# 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**  
569032

**Protanopia**  
90812E

**Deuteranopia**  
A07B39



**Tritanopia**  
658792

# Trichromacy



**Original Color**  
569032

**Protanomaly**  
7B862F

**Deuteranomaly**  
858336

**Tritanomaly**  
608A6F

# Monochromacy



**Original Color**  
569032

**Achromatopsia**  
747474

**Achromatomaly**  
697E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 569032 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 #569032 looks like.

```
.text, #text, p{  
    color:#569032  
}
```

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 #569032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #569032
}
```

## Border

The CSS property to change the border of an element to Hex 569032 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
#569032 }
```

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

```
.border{ border-color:#569032 }
```

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

Here you see how a box with a 4 pixel #569032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #569032; -webkit-box-shadow:4px 4px  
4px 4px #569032; box-shadow:4px 4px 4px  
4px #569032 }
```

# Background

The CSS property to change the background color of an element to Hex 569032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#569032 }
```

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

```
.background{ background-color:#569032 }
```

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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