

Converting Colors

Hex(689507)

Have a look what the booklet for
Hex(689507) contains.

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Color

Hex(689507)

Conversions

Conversions Part 1

Format	Color
Hex	689507
RGB	104, 149, 7
RGB Percent	41%, 58%, 3%
CMY	0.5922, 0.4157, 0.9725
CMYK	0.30, 0.00, 0.95, 0.42
HSL	79°, 91%, 31%
HSV	79°, 95%, 58%
XYZ	16.4947, 24.4533, 4.0516
YIQ	119.3570, 18.7620, -53.7020

Conversions

Conversions Part 2

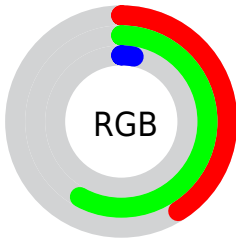
Format	Color
RYB	7, 149, 52
Decimal	6853895
CIELab	56.54, -33.77, 58.30
CIELCh	57, 67.373, 120.086
Yxy	24.4533, 0.3666, 0.5434
Android (android.graphics.Color)	4285043975 (0xFF689507)
YUV	119.3570, -55.3920, -13.4681
Hunter-Lab	49.4503, -26.9972, 29.7574

Details

The Hex color **689507** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **340795**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9FCB49**, and **326200** is the 20% darker color. If you saturate the color by 10%, you get **669500**, and if you desaturate by 10%, it is **6D9516**.

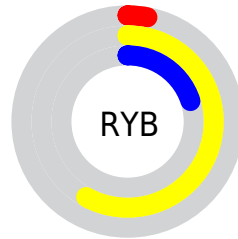
Distribution



Red (41%)

Green (58%)

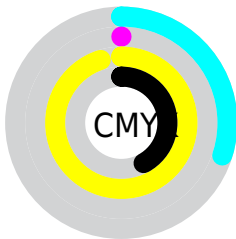
Blue (3%)



Red (3%)

Yellow (58%)

Blue (20%)

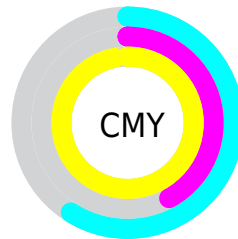


Cyan (30%)

Magenta (0%)

Yellow (95%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 689507 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 689507 by changing the saturation by 10% instead.

 689507

 689507

FFFFFF

 4D7B00

 9FCB49

 326200

 BCE864

 134A00

 D9FF7F

 003300

 F6FF9B

 001F00

 FFFFB7

 000000

 FFFFD3

 FFFFF0

 689507

 689507

■ 669500

■ 6D9516

■ 719525

■ 769534

■ 7B9543

■ 809552

■ 849560

■ 89956F

■ 8E957E

■ 92958D

Harmonies

Analogous

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



A28500



689507



009E49

Triad

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



689507



009CED



ED488A

Complementary

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



689507



340795

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.



CD5BC3



689507



008FFE

Square

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



689507



00A2C1



8478EE



EB5350

Rectangle

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



689507



00A171



8478EE



E64C9E

Sweetspot

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



689507



B0C28A



953407



56613F



E0E0E0



616161

Same Dimension

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



689507



84C200



219507



484A43



5E8A00



070A00

Inverse Universe

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



340795



3D00C2



7B0795



45434A



2C008A



03000A

Previews

White Background



This preview shows how the Hex color 689507 looks on a white background.

Color Contrast Check

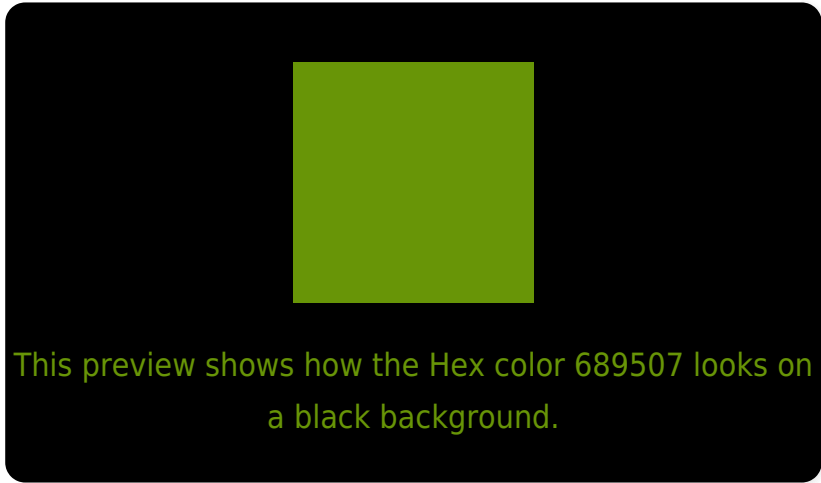
Large Text (above 18pt) WCAG AA ✓ Pass

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 689507 Background



This preview shows how black text looks on a background with the Hex color 689507.



This preview shows how white text looks on a background with the Hex color 689507.

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](#).

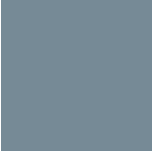
Dichromacy



Original Color
689507

Protanopia
998800

Deuteranopia
AA801D



Tritanopia
768A96

Trichromacy



Original Color
689507

Protanomaly
878D03

Deuteranomaly
928815

Tritanomaly
718E62

Monochromacy



Original Color
689507

Achromatopsia
777777

Achromatomaly
72824E

CSS Examples

Text

The CSS property to change the color of the text to Hex 689507 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 #689507 looks like.

```
.text, #text, p{  
    color:#689507  
}
```

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 #689507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689507
}
```

Border

The CSS property to change the border of an element to Hex 689507 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
#689507 }
```

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

```
.border{ border-color:#689507 }
```

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

Here you see how a box with a 4 pixel #689507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689507; -webkit-box-shadow:4px 4px  
4px 4px #689507; box-shadow:4px 4px 4px  
4px #689507 }
```

Background

The CSS property to change the background color of an element to Hex 689507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689507 }
```

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

```
.background{ background-color:#689507 }
```

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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