

Converting Colors

Hex(588710)

Have a look what the booklet for
Hex(588710) contains.

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Color

Hex(588710)

Conversions

Conversions Part 1

Format	Color
Hex	588710
RGB	88, 135, 16
RGB Percent	35%, 53%, 6%
CMY	0.6549, 0.4706, 0.9373
CMYK	0.35, 0.00, 0.88, 0.47
HSL	84°, 79%, 30%
HSV	84°, 88%, 53%
XYZ	12.7820, 19.4401, 3.5688
YIQ	107.3810, 10.1870, -46.9730

Conversions

Conversions Part 2

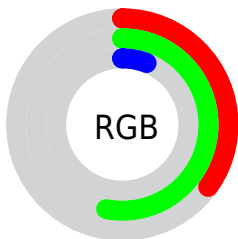
Format	Color
RYB	16, 135, 63
Decimal	5801744
CIELab	51.20, -33.48, 51.85
CIElCh	51, 61.722, 122.849
Yxy	19.4401, 0.3571, 0.5432
Android (android.graphics.Color)	4283991824 (0xFF588710)
YUV	107.3810, -45.0508, -16.9971
Hunter-Lab	44.0909, -25.4117, 26.0645

Details

The Hex color **588710** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3F1087**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8EBD4A**, and **235500** is the 20% darker color. If you saturate the color by 10%, you get **538702**, and if you desaturate by 10%, it is **5D871D**.

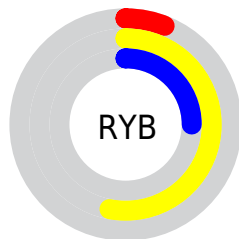
Distribution



Red (35%)

Green (53%)

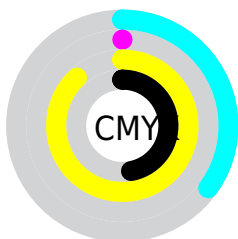
Blue (6%)



Red (6%)

Yellow (53%)

Blue (25%)

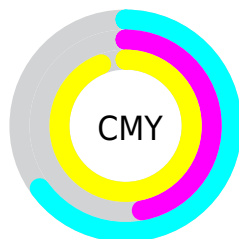


Cyan (35%)

Magenta (0%)

Yellow (88%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 588710 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 588710 by changing the saturation by 10% instead.



588710



588710

FFFFFF



3D6D00



8EBD4A



235500



AAD964



003D00



C6F57F



002700



E3FF9A



000800



FFFFB5



000000



FFFFD2



FFFFEF



588710



588710

■ 538702

■ 5D871D

■ 528700

■ 63872B

■ 688739

■ 6D8746

■ 738754

■ 788761

■ 7D876E

■ 83877C

■ 88878A

Harmonies

Analogous

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



8E7900



588710



008F47

Triad

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



588710



008CD8



D64177

Complementary

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



588710



3F1087

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.



BD50AB



588710



007FE4

Square

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



588710



0091B2



7F6AD3



D24D44

Rectangle

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



588710



00916B



7F6AD3



D14489

Sweetspot

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



588710



9EB082



873E10



4E593E



D9D9D9



595959

Same Dimension

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



588710



6AB000



1E8710



40423C



4F8200



020300

Inverse Universe

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



3F1087



4500B0



791087



3E3C42



330082



010003

Previews

White Background



This preview shows how the Hex color 588710 looks on a white background.

Color Contrast Check

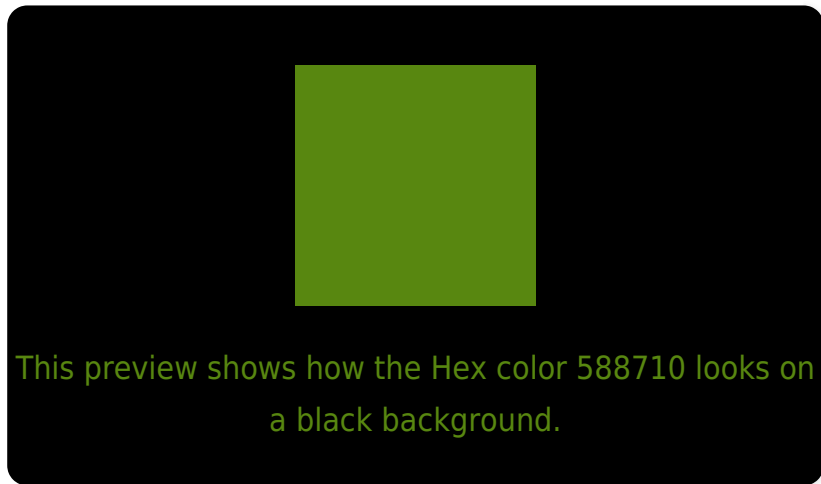
Large Text (above 18pt) WCAG AA ✓ Pass

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 588710 Background



This preview shows how black text looks on a background with the Hex color 588710.



This preview shows how white text looks on a background with the Hex color 588710.

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
588710

Protanopia
897A0B

Deuteranopia
99731E



Tritanopia
667E88

Trichromacy



Original Color
588710

Protanomaly
777F0D

Deuteranomaly
817A19

Tritanomaly
61815C

Monochromacy



Original Color
588710

Achromatopsia
6B6B6B

Achromatomaly
64754A

CSS Examples

Text

The CSS property to change the color of the text to Hex 588710 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 #588710 looks like.

```
.text, #text, p{  
    color:#588710  
}
```

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 #588710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588710
}
```

Border

The CSS property to change the border of an element to Hex 588710 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
#588710 }
```

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

```
.border{ border-color:#588710 }
```

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

Here you see how a box with a 4 pixel #588710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588710; -webkit-box-shadow:4px 4px  
4px 4px #588710; box-shadow:4px 4px 4px  
4px #588710 }
```

Background

The CSS property to change the background color of an element to Hex 588710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588710 }
```

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

```
.background{ background-color:#588710 }
```

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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