

Converting Colors

Hex(588025)

Have a look what the booklet for
Hex(588025) contains.

Hex(588025)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(588025)

Conversions

Conversions Part 1

Format	Color
Hex	588025
RGB	88, 128, 37
RGB Percent	35%, 50%, 15%
CMY	0.6549, 0.4980, 0.8549
CMYK	0.31, 0.00, 0.71, 0.50
HSL	86°, 55%, 32%
HSV	86°, 71%, 50%
XYZ	12.0776, 17.6466, 4.5198
YIQ	105.6660, 5.3710, -36.7810

Conversions

Conversions Part 2

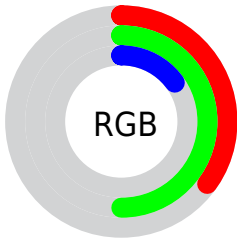
Format	Color
RYB	37, 128, 77
Decimal	5799973
CIELab	49.06, -29.08, 42.93
CIELCh	49, 51.852, 124.111
Yxy	17.6466, 0.3527, 0.5153
Android (android.graphics.Color)	4283990053 (0xFF588025)
YUV	105.6660, -33.8523, -15.4931
Hunter-Lab	42.0079, -22.1936, 23.0262

Details

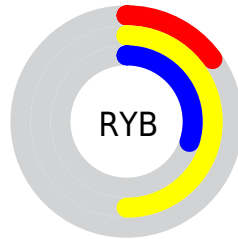
The Hex color **588025** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4D2580**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8DB557**, and **254E00** is the 20% darker color. If you saturate the color by 10%, you get **528018**, and if you desaturate by 10%, it is **5E8032**.

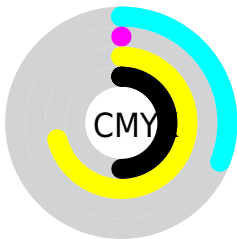
Distribution



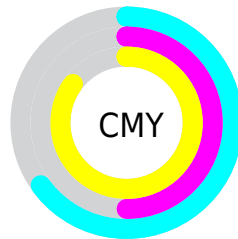
- Red (35%)
- Green (50%)
- Blue (15%)



- Red (15%)
- Yellow (50%)
- Blue (30%)



- Cyan (31%)
- Magenta (0%)
- Yellow (71%)
- Black (50%)



- Cyan (65%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 588025 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 588025 by changing the saturation by 10% instead.

 588025

 588025

FFFFFF

 3E6707

 8DB557

 254E00

 A8D171

 083700

 C4ED8C

 002300

 E1FFA7

 000000

 FEFFC2

 FFFFDF

 FFFFFC

 588025

 588025

■ 528018

■ 5E8032

■ 4D800B

■ 63803F

■ 488000

■ 69804B

■ 6F8058

■ 748065

■ 7A8072

■ 7F807F

■ 85808B

■ 8B8098

Harmonies

Analogous

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



85740F



588025



00874C

Triad

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



588025



0083C3



C34A70

Complementary

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



588025



4D2580

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.



AE539C



588025



0078CC

Square

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



588025



0089A5



7D66BE



BF5246

Rectangle

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



588025



00896A



7D66BE



BF4B7F

Sweetspot

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



588025



96A683



804C25



4B543F



D4D4D4



545454

Same Dimension

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



588025



68A619



2B8025



3D4039



478000



000000

Inverse Universe

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



4D2580



5719A6



7A2580



3C3940



380080



000000

Previews

White Background



This preview shows how the Hex color 588025 looks on a white background.

Color Contrast Check

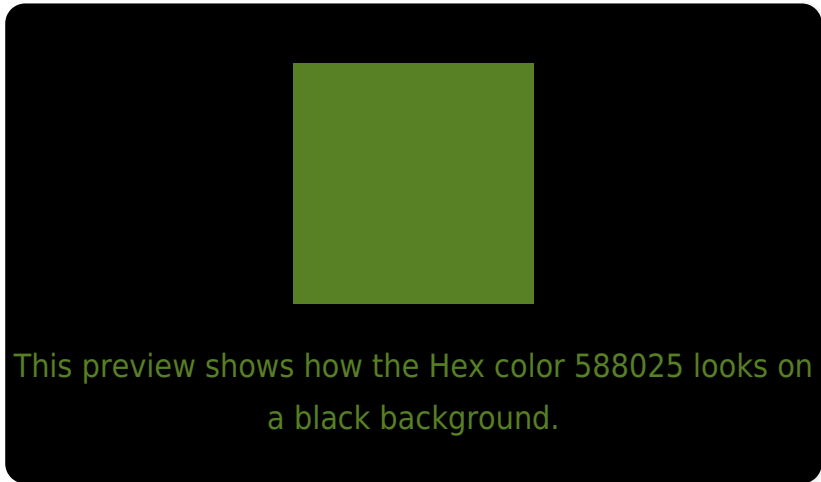
Large Text (above 18pt) WCAG AA ✓ Pass

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

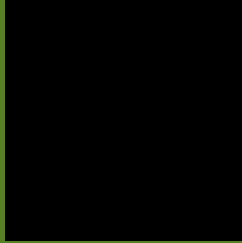
Any Text WCAG AA ✓ Pass

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 588025 Background



This preview shows how black text looks on a background with the Hex color 588025.



This preview shows how white text looks on a background with the Hex color 588025.

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
588025

Protanopia
827422

Deuteranopia
916E2C



Tritanopia
647781

Trichromacy



Original Color
588025

Protanomaly
737823

Deuteranomaly
7C7529

Tritanomaly
607A60

Monochromacy



Original Color
588025

Achromatopsia
6A6A6A

Achromatomaly
637251

CSS Examples

Text

The CSS property to change the color of the text to Hex 588025 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 #588025 looks like.

```
.text, #text, p{  
    color:#588025  
}
```

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 #588025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588025
}
```

Border

The CSS property to change the border of an element to Hex 588025 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
#588025 }
```

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

```
.border{ border-color:#588025 }
```

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

Here you see how a box with a 4 pixel #588025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588025; -webkit-box-shadow:4px 4px  
4px 4px #588025; box-shadow:4px 4px 4px  
4px #588025 }
```

Background

The CSS property to change the background color of an element to Hex 588025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588025 }
```

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

```
.background{ background-color:#588025 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor