

Converting Colors

Hex(564F00)

Have a look what the booklet for
Hex(564F00) contains.

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Color

Hex(564F00)

Conversions

Conversions Part 1

Format	Color
Hex	564F00
RGB	86, 79, 0
RGB Percent	34%, 31%, 0%
CMY	0.6627, 0.6902, 1.0000
CMYK	0.00, 0.08, 1.00, 0.66
HSL	55°, 100%, 17%
HSV	55°, 100%, 34%
XYZ	6.6337, 7.5704, 1.1116
YIQ	72.0870, 29.5310, -23.0850

Conversions

Conversions Part 2

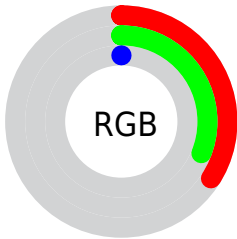
Format	Color
R_{YB}	8, 86, 0
Decimal	5656320
CIE Lab	33.07, -5.65, 41.22
CIE LCh	33, 41.605, 97.810
Yxy	7.5704, 0.4331, 0.4943
Android (android.graphics.Color)	4283846400 (0xFF564F00)
YUV	72.0870, -35.5389, 12.2017
Hunter-Lab	27.5144, -5.1136, 16.8647

Details

The Hex color **564F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000756**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8B8035**, and **242300** is the 20% darker color. If you saturate the color by 10%, you get **564F00**, and if you desaturate by 10%, it is **565009**.

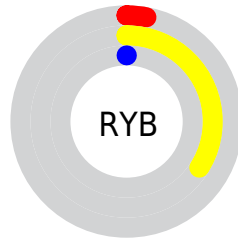
Distribution



Red (34%)

Green (31%)

Blue (0%)



Red (3%)

Yellow (34%)

Blue (0%)

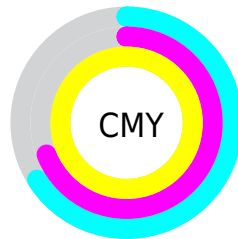


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564F00 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 564F00 by changing the saturation by 10% instead.

 564F00

 564F00

 FFFFEF

 3E3800

 8B8035

 242300

 A69A4D

 030F00

 C2B467

 000000

 DFD081

 FCEC9B

 FFFFB6

 FFFF D2

 564F00

■ 565009

■ 565011

■ 56511A

■ 565222

■ 56532B

■ 565334

■ 56543C

■ 565545

■ 56554D

Harmonies

Analogous

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



71430C



564F00



335714

Triad

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



564F00



005C75



7C3367

Complementary

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



564F00



000756

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.



5A4182



564F00



00588B

Square

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



564F00



005D56



034F8F



882D47

Rectangle

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



564F00



075A29



034F8F



733771

Sweetspot

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



564F00



706D4F



560007



383624



B8B8B8



383838

Same Dimension

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



564F00



706700



325600



2B2B27



6B6200



EBD800

Inverse Universe

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



000756



000970



240056



27272B



00096B



0013EB

Previews

White Background



This preview shows how the Hex color 564F00 looks on a white background.

Color Contrast Check

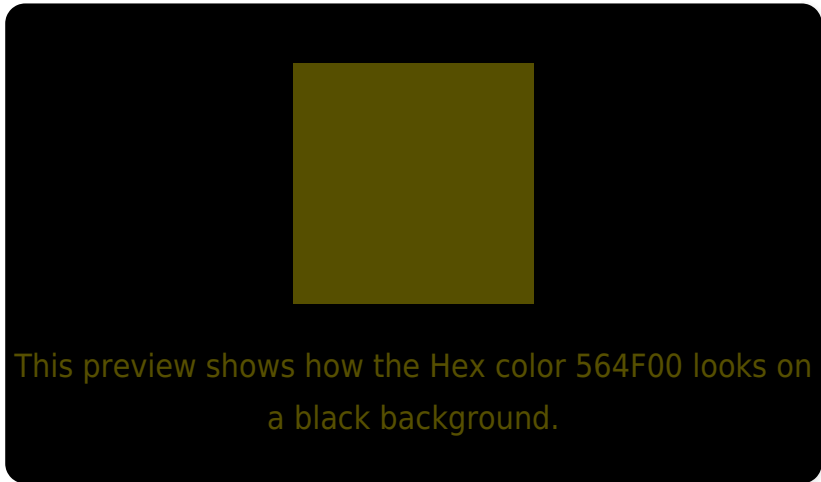
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 564F00 Background



This preview shows how black text looks on a background with the Hex color 564F00.



This preview shows how white text looks on a background with the Hex color 564F00.

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](#).

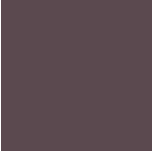
Dichromacy



Original Color
564F00

Protanopia
584E00

Deuteranopia
634A0B



Tritanopia
5B494F

Trichromacy



Original Color
564F00

Protanomaly
574E00

Deuteranomaly
5E4C07

Tritanomaly
594B32

Monochromacy



Original Color
564F00

Achromatopsia
484848

Achromatomaly
4D4B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 564F00 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 #564F00 looks like.

```
.text, #text, p{  
    color:#564F00  
}
```

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 #564F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564F00
}
```

Border

The CSS property to change the border of an element to Hex 564F00 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
#564F00 }
```

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

```
.border{ border-color:#564F00 }
```

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

Here you see how a box with a 4 pixel #564F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564F00; -webkit-box-shadow:4px 4px  
4px 4px #564F00; box-shadow:4px 4px 4px  
4px #564F00 }
```

Background

The CSS property to change the background color of an element to Hex 564F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564F00 }
```

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

```
.background{ background-color:#564F00 }
```

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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