

Converting Colors

Hex(565E06)

Have a look what the booklet for
Hex(565E06) contains.

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Color

Hex(565E06)

Conversions

Conversions Part 1

Format	Color
Hex	565E06
RGB	86, 94, 6
RGB Percent	34%, 37%, 2%
CMY	0.6627, 0.6314, 0.9765
CMYK	0.09, 0.00, 0.94, 0.63
HSL	65°, 88%, 20%
HSV	65°, 94%, 37%
XYZ	7.8733, 9.9970, 1.6869
YIQ	81.5760, 23.4800, -29.0640

Conversions

Conversions Part 2

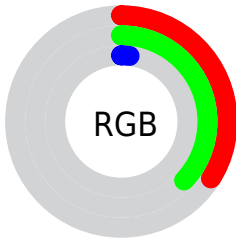
Format	Color
RYB	6, 94, 14
Decimal	5660166
CIELab	37.84, -14.10, 42.96
CIELCh	38, 45.217, 108.165
Yxy	9.9970, 0.4026, 0.5112
Android (android.graphics.Color)	4283850246 (0xFF565E06)
YUV	81.5760, -37.2590, 3.8798
Hunter-Lab	31.6180, -10.8825, 18.9693

Details

The Hex color **565E06** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E065E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8B903C**, and **253000** is the 20% darker color. If you saturate the color by 10%, you get **555E00**, and if you desaturate by 10%, it is **575E0F**.

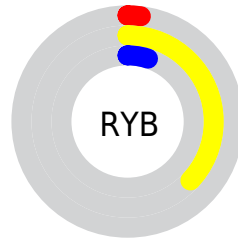
Distribution



Red (34%)

Green (37%)

Blue (2%)



Red (2%)

Yellow (37%)

Blue (5%)

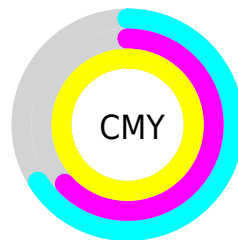


Cyan (9%)

Magenta (0%)

Yellow (94%)

Black (63%)



Cyan (66%)

Magenta (63%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565E06 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 565E06 by changing the saturation by 10% instead.

 565E06

 565E06

 FFFFF9

 3D4600

 8B903C

 253000

 A6AB55

 071C00

 C2C66F

 000000

 DEE289

 FCFFA4

 FFFFC0

 FFFFDC

 565E06

 565E06

■ 555E00

■ 575E0F

■ 585E19

■ 595E22

■ 595E2C

■ 5A5E35

■ 5B5E3E

■ 5C5E48

■ 5D5E51

■ 5E5E5B

Harmonies

Analogous

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



775207



565E06



296525

Triad

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



565E06



00688F



933769

Complementary

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



565E06



0E065E

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.



76458A



565E06



0061A1

Square

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



565E06



006A6F



3B559F



9B3644

Rectangle

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



565E06



00683C



3B559F



8C3B75

Sweetspot

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



565E06



777A58



5E0D06



3B3D28



BDBDBD



3D3D3D

Same Dimension

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



565E06



6F7A00



2B5E06



2D2E29



646E00



D8ED00

Inverse Universe

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



0E065E



0B007A



39065E



2A292E



0A006E



1600ED

Previews

White Background



This preview shows how the Hex color 565E06 looks on a white background.

Color Contrast Check

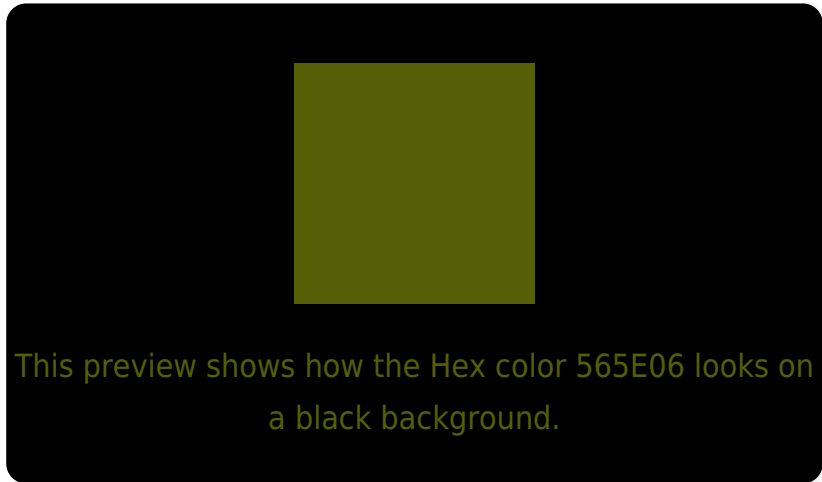
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

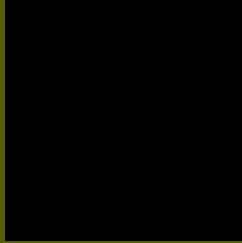
Any Text WCAG AA × Fail

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 565E06 Background



This preview shows how black text looks on a background with the Hex color 565E06.



This preview shows how white text looks on a background with the Hex color 565E06.

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
565E06

Protanopia
655900

Deuteranopia
705510

Trichromacy



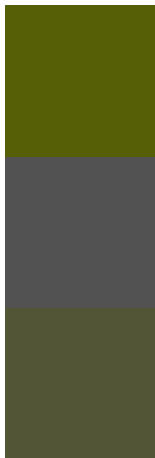
Original Color
565E06

Protanomaly
605B02

Deuteranomaly
67580C

Tritanomaly
5A5A3E

Monochromacy



Original Color
565E06

Achromatopsia
525252

Achromatomaly
535636

CSS Examples

Text

The CSS property to change the color of the text to Hex 565E06 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 #565E06 looks like.

```
.text, #text, p{  
    color:#565E06  
}
```

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 #565E06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565E06  
}
```

Border

The CSS property to change the border of an element to Hex 565E06 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  
#565E06 }
```

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

```
.border{ border-color:#565E06 }
```

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

Here you see how a box with a 4 pixel #565E06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565E06; -webkit-box-shadow:4px 4px  
4px 4px #565E06; box-shadow:4px 4px 4px  
4px #565E06 }
```

Background

The CSS property to change the background color of an element to Hex 565E06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565E06 }
```

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

```
.background{ background-color:#565E06 }
```

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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