

Converting Colors

Hex(568C16)

Have a look what the booklet for
Hex(568C16) contains.

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Color

Hex(568C16)

Conversions

Conversions Part 1

Format	Color
Hex	568C16
RGB	86, 140, 22
RGB Percent	34%, 55%, 9%
CMY	0.6627, 0.4510, 0.9137
CMYK	0.39, 0.00, 0.84, 0.45
HSL	87°, 73%, 32%
HSV	87°, 84%, 55%
XYZ	13.3607, 20.7925, 4.0682
YIQ	110.4020, 5.6940, -48.1460

Conversions

Conversions Part 2

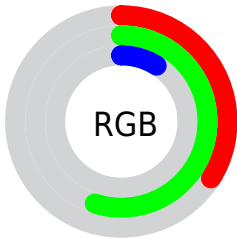
Format	Color
R_{YB}	22, 140, 76
Decimal	5671958
CIE _{Lab}	52.72, -36.24, 51.62
CIE _{LCh}	53, 63.073, 125.068
Yxy	20.7925, 0.3496, 0.5440
Android (android.graphics.Color)	4283862038 (0xFF568C16)
YUV	110.4020, -43.5822, -21.4006
Hunter-Lab	45.5988, -27.4967, 26.6294

Details

The Hex color **568C16** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4C168C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8CC24E**, and **1F5900** is the 20% darker color. If you saturate the color by 10%, you get **508C08**, and if you desaturate by 10%, it is **5C8C24**.

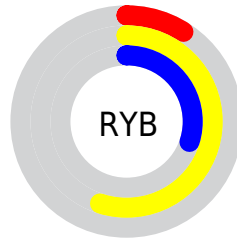
Distribution



Red (34%)

Green (55%)

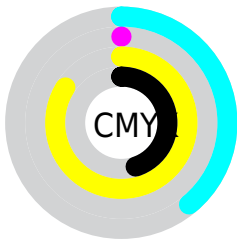
Blue (9%)



Red (9%)

Yellow (55%)

Blue (30%)

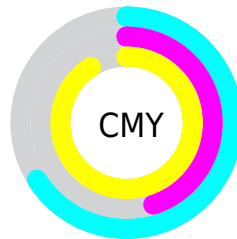


Cyan (39%)

Magenta (0%)

Yellow (84%)

Black (45%)



Cyan (66%)

Magenta (45%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568C16 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 568C16 by changing the saturation by 10% instead.

 568C16

 568C16

FFFFFF

 3B7200

 8CC24E

 1F5900

 A8DE68

 004100

 C5FB83

 002B00

 E2FF9E

 001100

 FFFFBA

 000000

 FFFFD6

 FFFFF3

 568C16

 568C16

 508C08

 5C8C24

 4C8C00

 638C32

 698C40

 708C4E

 768C5C

 7C8C6A

 838C78

 898C86

 908C94

Harmonies

Analogous

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



8F7E00



568C16



00934D

Triad

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



568C16



008FE0



DD4477

Complementary

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



568C16



4C168C

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.



C551AD



568C16



0081EA

Square

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



568C16



0096BB



896BD7



D75143

Rectangle

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



568C16



009673



896BD7



D94589

Sweetspot

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



568C16



A0B588



8C4B16



4F5C40



DBDBDB



5C5C5C

Same Dimension

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



568C16



62B500



1C8C16



42453E



488500



030500

Inverse Universe

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



4C168C



5300B5



86168C



413E45



3D0085



020005

Previews

White Background



This preview shows how the Hex color 568C16 looks on a white background.

Color Contrast Check

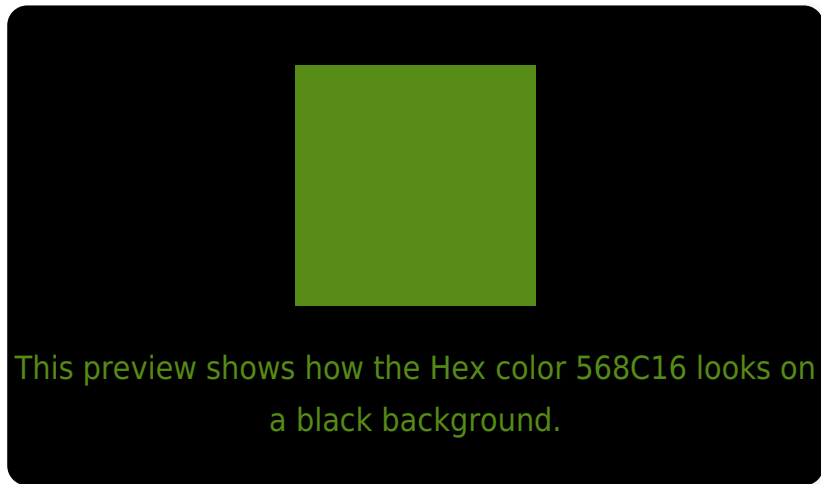
Large Text (above 18pt) WCAG AA ✓ Pass

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 568C16 Background



This preview shows how black text looks on a background with the Hex color 568C16.




This preview shows how white text looks on a background with the Hex color 568C16.

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





Tritanopia
65828D

Trichromacy



Original Color
568C16

Protanomaly
798313

Deuteranomaly
837F1E

Tritanomaly
608662

Monochromacy



Original Color
568C16

Achromatopsia
6E6E6E

Achromatomaly
65794E

CSS Examples

Text

The CSS property to change the color of the text to Hex 568C16 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 #568C16 looks like.

```
.text, #text, p{  
    color:#568C16  
}
```

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 #568C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568C16
}
```

Border

The CSS property to change the border of an element to Hex 568C16 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
#568C16 }
```

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

```
.border{ border-color:#568C16 }
```

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

Here you see how a box with a 4 pixel #568C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568C16; -webkit-box-shadow:4px 4px  
4px 4px #568C16; box-shadow:4px 4px 4px  
4px #568C16 }
```

Background

The CSS property to change the background color of an element to Hex 568C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568C16 }
```

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

```
.background{ background-color:#568C16 }
```

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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