

Converting Colors

Hex(45C318)

Have a look what the booklet for
Hex(45C318) contains.

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Color

Hex(45C318)

Conversions

Conversions Part 1

Format	Color
Hex	45C318
RGB	69, 195, 24
RGB Percent	27%, 76%, 9%
CMY	0.7294, 0.2353, 0.9059
CMYK	0.65, 0.00, 0.88, 0.24
HSL	104°, 78%, 43%
HSV	104°, 88%, 76%
XYZ	22.1342, 40.3614, 7.4881
YIQ	137.8320, -20.2050, -79.8930

Conversions

Conversions Part 2

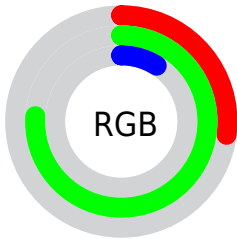
Format	Color
RYB	24, 195, 150
Decimal	4571928
CIELab	69.73, -61.89, 65.86
CIELCh	70, 90.379, 133.219
Yxy	40.3614, 0.3163, 0.5767
Android (android.graphics.Color)	4282762008 (0xFF45C318)
YUV	137.8320, -56.1192, -60.3657
Hunter-Lab	63.5306, -48.9887, 37.4832

Details

The Hex color **45C318** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **9618C3**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **85FD58**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **37C305**, and if you desaturate by 10%, it is **53C32B**.

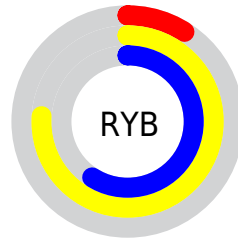
Distribution



Red (27%)

Green (76%)

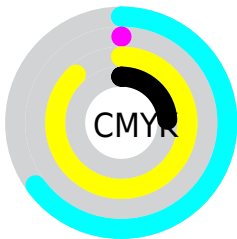
Blue (9%)



Red (9%)

Yellow (76%)

Blue (59%)

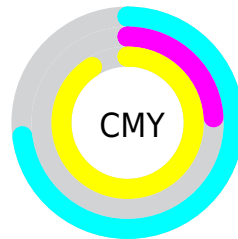


Cyan (65%)

Magenta (0%)

Yellow (88%)

Black (24%)



Cyan (73%)

Magenta (24%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45C318 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 45C318 by changing the saturation by 10% instead.

 45C318

 45C318

FFFFFF

 19A700

 85FD58

 008C00

 A3FF75

 007100

 C1FF91

 005800

 E0FFAD

 003F00

 FEFFCA

 002700

 FFFFE7

 000000

 45C318

 45C318

 37C305

 53C32B

■ 33C300

■ 62C33F

■ 70C352

■ 7EC366

■ 8DC37A

■ 9BC38D

■ AAC3A0

■ B8C3B4

■ C6C3C7

Harmonies

Analogous

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



ACB200



45C318



00CB78

Triad

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



45C318



00C1FF



FF478A

Complementary

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



45C318



9618C3

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.



FF54DC



45C318



00A8FF

Square

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



45C318



00CCFF



D981FF



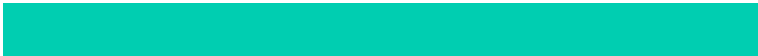
FF6D3B

Rectangle

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



45C318



00CEB1



D981FF



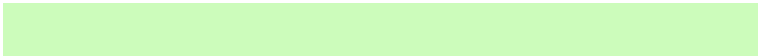
FF44A5

Sweetspot

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



45C318



CCFCBB



C39518



628058



000000



808080

Same Dimension

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



45C318



42FC00



18C340



5A6157



2AA100



092100

Inverse Universe

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



9618C3



BA00FC



C3189B



5E5761



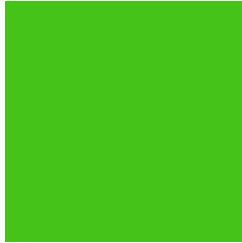
7600A1



180021

Previews

White Background



This preview shows how the Hex color 45C318 looks on a white background.

Color Contrast Check

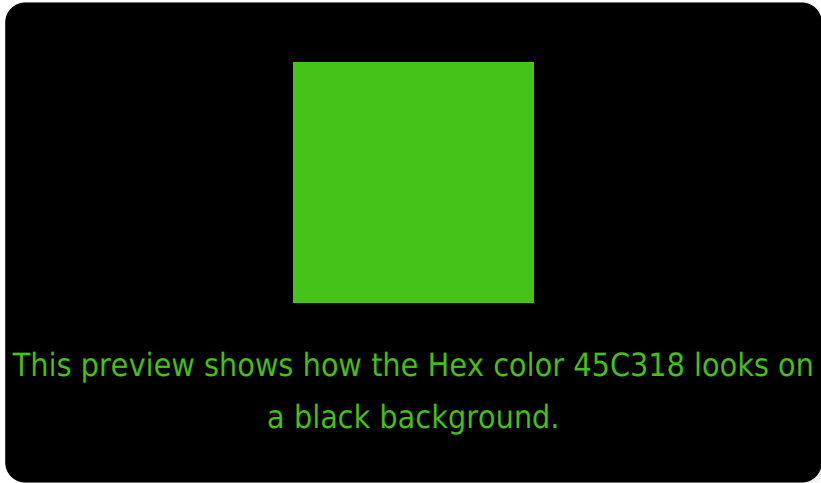
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

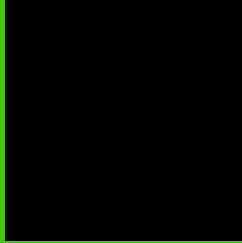
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 45C318 Background



This preview shows how black text looks on a background with the Hex color 45C318.

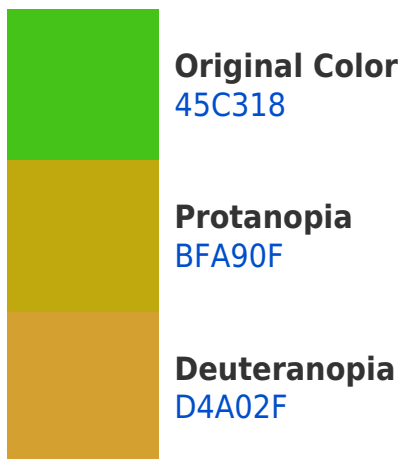


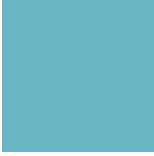
This preview shows how white text looks on a background with the Hex color 45C318.

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
68B5C4

Trichromacy



Original Color
45C318



Protanomaly
93B212



Deuteranomaly
A0AD27



Tritanomaly
5BBA85

Monochromacy



Original Color
45C318



Achromatopsia
8A8A8A



Achromatomaly
719F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 45C318 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 #45C318 looks like.

```
.text, #text, p{  
    color:#45C318  
}
```

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 #45C318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C318
}
```

Border

The CSS property to change the border of an element to Hex 45C318 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
#45C318 }
```

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

```
.border{ border-color:#45C318 }
```

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

Here you see how a box with a 4 pixel #45C318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C318; -webkit-box-shadow:4px 4px  
4px 4px #45C318; box-shadow:4px 4px 4px  
4px #45C318 }
```

Background

The CSS property to change the background color of an element to Hex 45C318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C318 }
```

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

```
.background{ background-color:#45C318 }
```

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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