

Converting Colors

Hex(485C07)

Have a look what the booklet for
Hex(485C07) contains.

Hex(485C07)	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(485C07)

Conversions

Conversions Part 1

Format	Color
Hex	485C07
RGB	72, 92, 7
RGB Percent	28%, 36%, 3%
CMY	0.7176, 0.6392, 0.9725
CMYK	0.22, 0.00, 0.92, 0.64
HSL	74°, 86%, 19%
HSV	74°, 92%, 36%
XYZ	6.5380, 9.0474, 1.6027
YIQ	76.3300, 15.3650, -30.6750

Conversions

Conversions Part 2

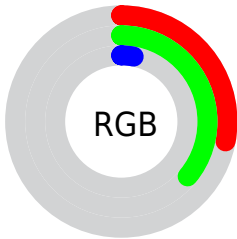
Format	Color
RYB	7, 92, 27
Decimal	4742151
CIELab	36.08, -19.60, 40.77
CIElCh	36, 45.235, 115.671
Yxy	9.0474, 0.3804, 0.5264
Android (android.graphics.Color)	4282932231 (0xFF485C07)
YUV	76.3300, -34.1797, -3.7974
Hunter-Lab	30.0788, -13.8389, 17.8959

Details

The Hex color **485C07** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B075C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7B8E3C**, and **172E00** is the 20% darker color. If you saturate the color by 10%, you get **465C00**, and if you desaturate by 10%, it is **4A5C10**.

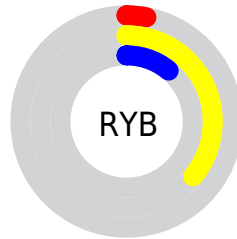
Distribution



 Red (28%)

 Green (36%)

 Blue (3%)



 Red (3%)

 Yellow (36%)

 Blue (11%)

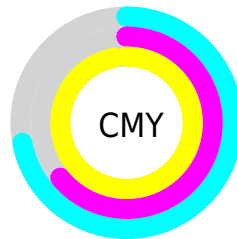


 Cyan (22%)

 Magenta (0%)

 Yellow (92%)

 Black (64%)



 Cyan (72%)

 Magenta (64%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 485C07 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 485C07 by changing the saturation by 10% instead.

 485C07

 485C07

 FFFFF8

 304400

 7B8E3C

 172E00

 96A955

 001B00

 B2C46E

 000000

 CEE088

 EAFDA3

 FFFFBF

 FFFFDB

 485C07

 485C07

■ 465C00

■ 4A5C10

■ 4C5C19

■ 4E5C23

■ 515C2C

■ 535C35

■ 555C3E

■ 575C47

■ 595C51

■ 5B5C5A

Harmonies

Analogous

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



6B5100



485C07



0E6229

Triad

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



485C07



006290



92305C

Complementary

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



485C07



1B075C

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.



7B3D7E



485C07



005B9D

Square

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



485C07



006573



4A4D97



943438

Rectangle

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



485C07



006542



4A4D97



8D3368

Sweetspot

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



485C07



707856



5C1B07



383D28



BDBDBD



3D3D3D

Same Dimension

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



485C07



5C7800



1E5C07



2D2E29



546E00



B5ED00

Inverse Universe

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



1B075C



1C0078



45075C



2A292E



1A006E



3800ED

Previews

White Background



This preview shows how the Hex color 485C07 looks on a white background.

Color Contrast Check

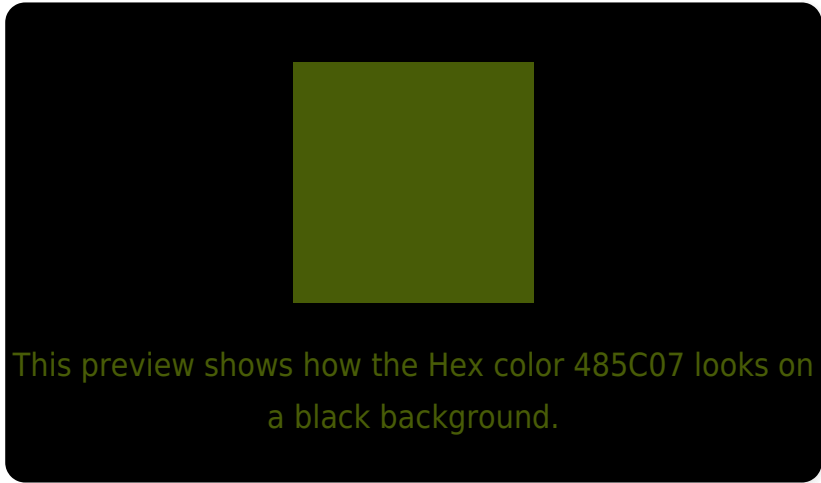
Large Text (above 18pt) WCAG AA ✓ Pass

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

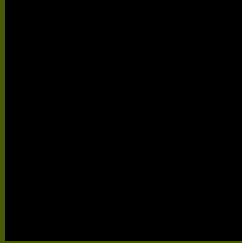
Any Text WCAG AA × Fail

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 485C07 Background



This preview shows how black text looks on a background with the Hex color 485C07.



This preview shows how white text looks on a background with the Hex color 485C07.

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
485C07

Protanopia
605500

Deuteranopia
6B5012



Tritanopia
50565C

Trichromacy



Original Color
485C07

Protanomaly
575803

Deuteranomaly
5E540E

Tritanomaly
4D583D

Monochromacy



Original Color
485C07

Achromatopsia
4C4C4C

Achromatomaly
4B5233

CSS Examples

Text

The CSS property to change the color of the text to Hex 485C07 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 #485C07 looks like.

```
.text, #text, p{  
    color:#485C07  
}
```

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 #485C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485C07
}
```

Border

The CSS property to change the border of an element to Hex 485C07 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
#485C07 }
```

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

```
.border{ border-color:#485C07 }
```

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

Here you see how a box with a 4 pixel #485C07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485C07; -webkit-box-shadow:4px 4px  
4px 4px #485C07; box-shadow:4px 4px 4px  
4px #485C07 }
```

Background

The CSS property to change the background color of an element to Hex 485C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485C07 }
```

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

```
.background{ background-color:#485C07 }
```

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