

Converting Colors

Hex(457F17)

Have a look what the booklet for
Hex(457F17) contains.

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Color

Hex(457F17)

Conversions

Conversions Part 1

Format	Color
Hex	457F17
RGB	69, 127, 23
RGB Percent	27%, 50%, 9%
CMY	0.7294, 0.5020, 0.9098
CMYK	0.46, 0.00, 0.82, 0.50
HSL	93°, 69%, 29%
HSV	93°, 82%, 50%
XYZ	10.1983, 16.5058, 3.4590
YIQ	97.8020, -1.1840, -44.6400

Conversions

Conversions Part 2

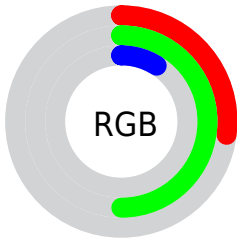
Format	Color
RYB	23, 127, 81
Decimal	4554519
CIELab	47.63, -36.68, 46.37
CIELCh	48, 59.121, 128.347
Yxy	16.5058, 0.3381, 0.5472
Android (android.graphics.Color)	4282744599 (0xFF457F17)
YUV	97.8020, -36.8774, -25.2594
Hunter-Lab	40.6273, -26.2908, 23.3911

Details

The Hex color **457F17** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **51177F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7BB44C**, and **0B4D00** is the 20% darker color. If you saturate the color by 10%, you get **3E7F0A**, and if you desaturate by 10%, it is **4C7F24**.

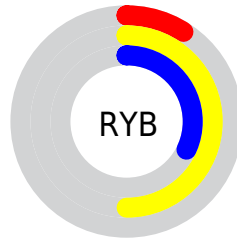
Distribution



Red (27%)

Green (50%)

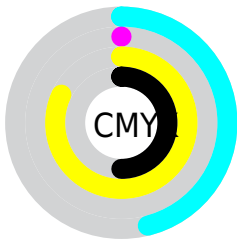
Blue (9%)



Red (9%)

Yellow (50%)

Blue (32%)

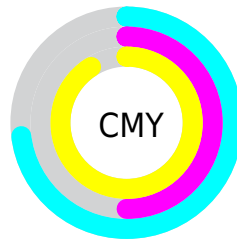


Cyan (46%)

Magenta (0%)

Yellow (82%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457F17 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 457F17 by changing the saturation by 10% instead.



457F17



457F17

FFFFFF



2A6600



7BB44C



0B4D00



96D066



003600



B2EC80



002200



CEFF9B



000000



ECFFB7



FFFFD3



FFFFF0



457F17



457F17

■ 3E7F0A

■ 4C7F24

■ 387F00

■ 537F30

■ 5A7F3D

■ 617F4A

■ 687F57

■ 6F7F63

■ 777F70

■ 7E7F7D

■ 857F89

Harmonies

Analogous

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



7B7300



457F17



00854A

Triad

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



457F17



0080CE



C93B65

Complementary

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



457F17



51177F

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.



B74597



457F17



0072D4

Square

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



457F17



0086AE



845DC0



C14A36

Rectangle

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



457F17



00876D



845DC0



C63C76

Sweetspot

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



457F17



8FA67C



7F5017



46543B



D4D4D4



545454

Same Dimension

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



457F17



4BA603



177F1C



3C4039



388000



000000

Inverse Universe

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



51177F



5E03A6



7F177A



3D3940



470080



000000

Previews

White Background



This preview shows how the Hex color 457F17 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 × Fail

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 457F17 Background



This preview shows how black text looks on a background with the Hex color 457F17.



This preview shows how white text looks on a background with the Hex color 457F17.

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
457F17

Protanopia
7F7113

Deuteranopia
8D6B22



Tritanopia
547680

Trichromacy



Original Color
457F17

Protanomaly
6A7614

Deuteranomaly
73721E

Tritanomaly
4F795A

Monochromacy



Original Color
457F17

Achromatopsia
626262

Achromatomaly
576D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 457F17 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 #457F17 looks like.

```
.text, #text, p{  
    color:#457F17  
}
```

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 #457F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457F17
}
```

Border

The CSS property to change the border of an element to Hex 457F17 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
#457F17 }
```

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

```
.border{ border-color:#457F17 }
```

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

Here you see how a box with a 4 pixel #457F17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457F17; -webkit-box-shadow:4px 4px  
4px 4px #457F17; box-shadow:4px 4px 4px  
4px #457F17 }
```

Background

The CSS property to change the background color of an element to Hex 457F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457F17 }
```

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

```
.background{ background-color:#457F17 }
```

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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