

Converting Colors

Hex(465F15)

Have a look what the booklet for
Hex(465F15) contains.

Hex(465F15)	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(465F15)

Conversions

Conversions Part 1

Format	Color
Hex	465F15
RGB	70, 95, 21
RGB Percent	27%, 37%, 8%
CMY	0.7255, 0.6275, 0.9176
CMYK	0.26, 0.00, 0.78, 0.63
HSL	80°, 64%, 23%
HSV	80°, 78%, 37%
XYZ	6.7534, 9.5407, 2.1951
YIQ	79.0890, 8.8540, -28.3140

Conversions

Conversions Part 2

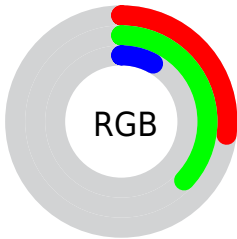
Format	Color
R_{YB}	21, 95, 46
Decimal	4611861
CIE _{Lab}	37.01, -21.38, 36.96
CIE _{LCh}	37, 42.693, 120.048
Yxy	9.5407, 0.3653, 0.5160
Android (android.graphics.Color)	4282801941 (0xFF465F15)
YUV	79.0890, -28.6379, -7.9711
Hunter-Lab	30.8879, -15.0266, 17.4081

Details

The Hex color **465F15** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E155F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **799246**, and **163100** is the 20% darker color. If you saturate the color by 10%, you get **435F0B**, and if you desaturate by 10%, it is **495F1E**.

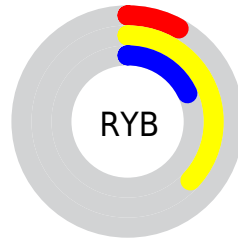
Distribution



Red (27%)

Green (37%)

Blue (8%)



Red (8%)

Yellow (37%)

Blue (18%)

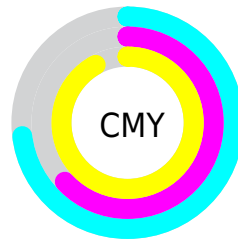


Cyan (26%)

Magenta (0%)

Yellow (78%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465F15 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 465F15 by changing the saturation by 10% instead.



465F15



465F15

FFFFFF



2E4700



799246



163100



93AC5F



001D00



AFC878



000000



CBE492



E7FFAD



FFFFC9



FFFFE6



465F15



465F15

■ 435F0B

■ 495F1E

■ 405F02

■ 4C5F28

■ 3F5F00

■ 505F31

■ 535F3B

■ 565F45

■ 595F4E

■ 5C5F57

■ 605F61

■ 635F6A

Harmonies

Analogous

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



685507



465F15



0A6533

Triad

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



465F15



006392



933658

Complementary

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



465F15



2E155F

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.



803F7A



465F15



005B9C

Square

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



465F15



006779



574E93



933B37

Rectangle

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



465F15



00674A



574E93



8F3764

Sweetspot

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



465F15



717A5E



5F2E15



373D2C



BDBDBD



3D3D3D

Same Dimension

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



465F15



547A09



215F15



2F302C



4A7000



9FF000

Inverse Universe

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



2E155F



2F097A



53155F



2D2C30



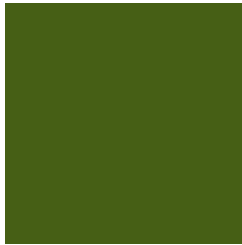
260070



5100F0

Previews

White Background



This preview shows how the Hex color 465F15 looks on a white background.

Color Contrast Check

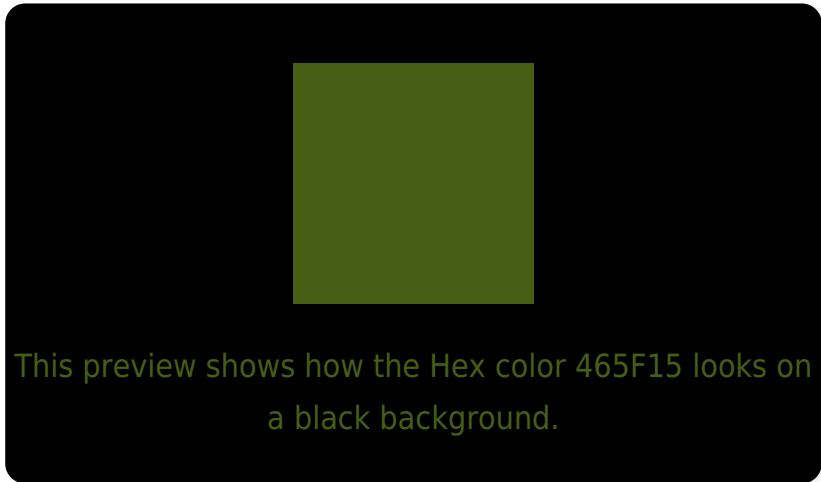
Large Text (above 18pt) WCAG AA ✓ Pass

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

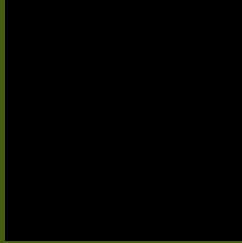
Any Text WCAG AA × Fail

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 465F15 Background



This preview shows how black text looks on a background with the Hex color 465F15.



This preview shows how white text looks on a background with the Hex color 465F15.

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
465F15

Protanopia
625713

Deuteranopia
6D531B



Tritanopia
4E5960

Trichromacy



Original Color
465F15

Protanomaly
585A14

Deuteranomaly
5F5719

Tritanomaly
4B5B45

Monochromacy



Original Color
465F15

Achromatopsia
4F4F4F

Achromatomaly
4C553A

CSS Examples

Text

The CSS property to change the color of the text to Hex 465F15 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 #465F15 looks like.

```
.text, #text, p{  
    color:#465F15  
}
```

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 #465F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465F15
}
```

Border

The CSS property to change the border of an element to Hex 465F15 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
#465F15 }
```

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

```
.border{ border-color:#465F15 }
```

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

Here you see how a box with a 4 pixel #465F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465F15; -webkit-box-shadow:4px 4px  
4px 4px #465F15; box-shadow:4px 4px 4px  
4px #465F15 }
```

Background

The CSS property to change the background color of an element to Hex 465F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465F15 }
```

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

```
.background{ background-color:#465F15 }
```

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