

Converting Colors

Hex(445F00)

Have a look what the booklet for
Hex(445F00) contains.

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Color

Hex(445F00)

Conversions

Conversions Part 1

Format	Color
Hex	445F00
RGB	68, 95, 0
RGB Percent	27%, 37%, 0%
CMY	0.7333, 0.6275, 1.0000
CMYK	0.28, 0.00, 1.00, 0.63
HSL	77°, 100%, 19%
HSV	77°, 100%, 37%
XYZ	6.4761, 9.4134, 1.4756
YIQ	76.0970, 14.4030, -35.2690

Conversions

Conversions Part 2

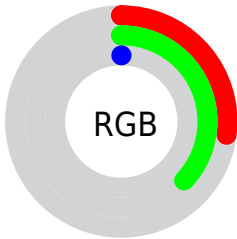
Format	Color
RYB	0, 95, 27
Decimal	4480768
CIELab	36.77, -23.23, 43.30
CIELCh	37, 49.135, 118.216
Yxy	9.4134, 0.3729, 0.5421
Android (android.graphics.Color)	4282670848 (0xFF445F00)
YUV	76.0970, -37.5158, -7.1011
Hunter-Lab	30.6812, -16.0148, 18.6252

Details

The Hex color **445F00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1B005F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **789238**, and **123100** is the 20% darker color. If you saturate the color by 10%, you get **445F00**, and if you desaturate by 10%, it is **475F09**.

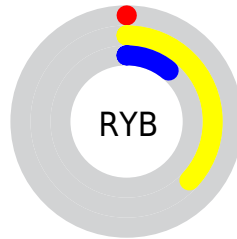
Distribution



Red (27%)

Green (37%)

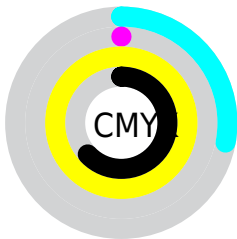
Blue (0%)



Red (0%)

Yellow (37%)

Blue (11%)

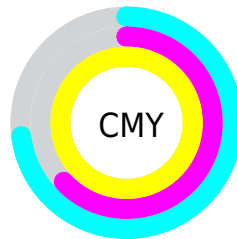


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445F00 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 445F00 by changing the saturation by 10% instead.

 445F00

 445F00

 FFFFF4

 2C4700

 789238

 123100

 92AC51

 001E00

 AEC86B

 000000

 CAE485

 E7FFA0

 FFFFBB

 FFFFD8

 445F00

 475F09

 495F13

 4C5F1D

 4F5F26

 525F30

 545F39

 575F43

 5A5F4C

 5C5F56

Harmonies

Analogous

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



6B5400



445F00



00652A

Triad

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



445F00



006599



9A2C5B

Complementary

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



445F00



1B005F

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.



833A81



445F00



005CA6

Square

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



445F00



00687B



4F4D9D



9A3234

Rectangle

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



445F00



006845



4F4D9D



952F68

Sweetspot

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



445F00



707A56



5F1B00



373D27



BDBDBD



3D3D3D

Same Dimension

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



445F00



587A00



155F00



2F302C



507000



ACF000

Inverse Universe

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



1B005F



23007A



4A005F



2D2C30



200070



4400F0

Previews

White Background



This preview shows how the Hex color 445F00 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 445F00 Background



This preview shows how black text looks on a background with the Hex color 445F00.



This preview shows how white text looks on a background with the Hex color 445F00.

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
445F00

Protanopia
625700

Deuteranopia
6D5212



Tritanopia
4D585F

Trichromacy



Original Color
445F00

Protanomaly
575A00

Deuteranomaly
5E570B

Tritanomaly
4A5B3C

Monochromacy



Original Color
445F00

Achromatopsia
4C4C4C

Achromatomaly
495330

CSS Examples

Text

The CSS property to change the color of the text to Hex 445F00 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 #445F00 looks like.

```
.text, #text, p{  
    color:#445F00  
}
```

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 #445F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445F00
}
```

Border

The CSS property to change the border of an element to Hex 445F00 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
#445F00 }
```

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

```
.border{ border-color:#445F00 }
```

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

Here you see how a box with a 4 pixel #445F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445F00; -webkit-box-shadow:4px 4px  
4px 4px #445F00; box-shadow:4px 4px 4px  
4px #445F00 }
```

Background

The CSS property to change the background color of an element to Hex 445F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445F00 }
```

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

```
.background{ background-color:#445F00 }
```

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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