

Converting Colors

Hex(445D10)

Have a look what the booklet for
Hex(445D10) contains.

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Color

Hex(445D10)

Conversions

Conversions Part 1

Format	Color
Hex	445D10
RGB	68, 93, 16
RGB Percent	27%, 36%, 6%
CMY	0.7333, 0.6353, 0.9373
CMYK	0.27, 0.00, 0.83, 0.64
HSL	79°, 71%, 21%
HSV	79°, 83%, 36%
XYZ	6.3918, 9.0951, 1.9089
YIQ	76.7470, 9.8170, -29.2470

Conversions

Conversions Part 2

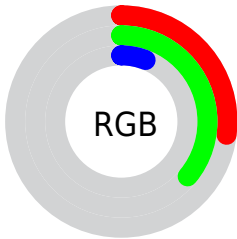
Format	Color
RYB	16, 93, 41
Decimal	4480272
CIELab	36.17, -21.53, 37.99
CIElCh	36, 43.663, 119.541
Yxy	9.0951, 0.3674, 0.5228
Android (android.graphics.Color)	4282670352 (0xFF445D10)
YUV	76.7470, -29.9483, -7.6711
Hunter-Lab	30.1580, -14.9447, 17.3578

Details

The Hex color **445D10** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **29105D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **778F42**, and **142F00** is the 20% darker color. If you saturate the color by 10%, you get **415D07**, and if you desaturate by 10%, it is **475D19**.

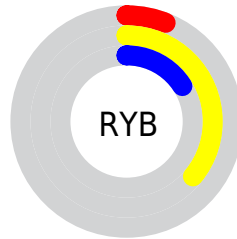
Distribution



Red (27%)

Green (36%)

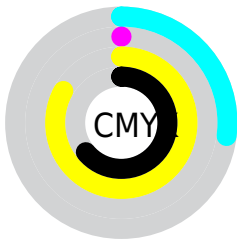
Blue (6%)



Red (6%)

Yellow (36%)

Blue (16%)

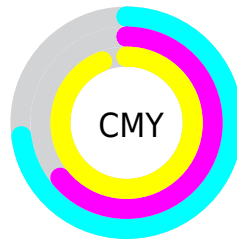


Cyan (27%)

Magenta (0%)

Yellow (83%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445D10 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 445D10 by changing the saturation by 10% instead.

 445D10

 445D10

FFFFFFE

 2C4500

 778F42

 142F00

 91AA5A

 001C00

 ADC574

 000000

 C9E18E

 E5FEA9

 FFFFC5

 FFFFE1

 445D10

 445D10

■ 415D07

■ 475D19

■ 3F5D00

■ 4A5D23

■ 4D5D2C

■ 505D35

■ 535D3F

■ 565D48

■ 595D51

■ 5C5D5A

■ 5F5D64

Harmonies

Analogous

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



675302



445D10



026330

Triad

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



445D10



006291



923257

Complementary

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



445D10



29105D

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.



7E3C79



445D10



00599B

Square

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



445D10



006577



534C92



923735

Rectangle

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



445D10



006547



534C92



8E3463

Sweetspot

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



445D10



6E785A



5D2810



373D2B



BDBDBD



3D3D3D

Same Dimension

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



445D10



517801



1E5D10



2C2E29



4A6E00



A0ED00

Inverse Universe

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



29105D



280178



4F105D



2B292E



24006E



4D00ED

Previews

White Background



This preview shows how the Hex color 445D10 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

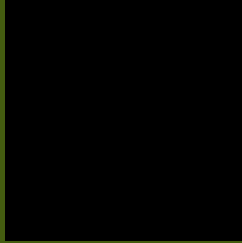
Any Text WCAG AA × Fail

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 445D10 Background



This preview shows how black text looks on a background with the Hex color 445D10.



This preview shows how white text looks on a background with the Hex color 445D10.

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
445D10

Protanopia
60550E

Deuteranopia
6B5117



Tritanopia
4C575D

Trichromacy



Original Color
445D10

Protanomaly
56580F

Deuteranomaly
5D5514

Tritanomaly
495941

Monochromacy



Original Color
445D10

Achromatopsia
4D4D4D

Achromatomaly
4A5337

CSS Examples

Text

The CSS property to change the color of the text to Hex 445D10 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 #445D10 looks like.

```
.text, #text, p{  
    color:#445D10  
}
```

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 #445D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445D10
}
```

Border

The CSS property to change the border of an element to Hex 445D10 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
#445D10 }
```

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

```
.border{ border-color:#445D10 }
```

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

Here you see how a box with a 4 pixel #445D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445D10; -webkit-box-shadow:4px 4px  
4px 4px #445D10; box-shadow:4px 4px 4px  
4px #445D10 }
```

Background

The CSS property to change the background color of an element to Hex 445D10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445D10 }
```

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

```
.background{ background-color:#445D10 }
```

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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