

Converting Colors

Hex(455B11)

Have a look what the booklet for
Hex(455B11) contains.

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Color

Hex(455B11)

Conversions

Conversions Part 1

Format	Color
Hex	455B11
RGB	69, 91, 17
RGB Percent	27%, 36%, 7%
CMY	0.7294, 0.6431, 0.9333
CMYK	0.24, 0.00, 0.81, 0.64
HSL	78°, 69%, 21%
HSV	78°, 81%, 36%
XYZ	6.2965, 8.7879, 1.8947
YIQ	75.9860, 10.6420, -27.6780

Conversions

Conversions Part 2

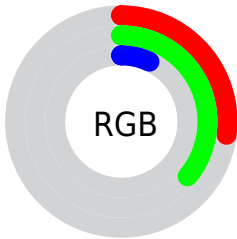
Format	Color
RYB	17, 91, 39
Decimal	4545297
CIELab	35.57, -19.98, 37.09
CIElCh	36, 42.132, 118.313
Yxy	8.7879, 0.3708, 0.5176
Android (android.graphics.Color)	4282735377 (0xFF455B11)
YUV	75.9860, -29.0801, -6.1267
Hunter-Lab	29.6443, -13.9638, 16.9616

Details

The Hex color **455B11** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **27115B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **788D42**, and **152D00** is the 20% darker color. If you saturate the color by 10%, you get **425B08**, and if you desaturate by 10%, it is **485B1A**.

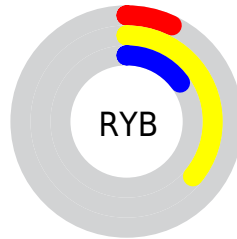
Distribution



 Red (27%)

 Green (36%)

 Blue (7%)




 Red (7%)

 Yellow (36%)

 Blue (15%)

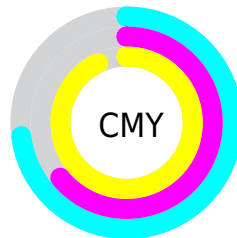


 Cyan (24%)

 Magenta (0%)

 Yellow (81%)

 Black (64%)



 Cyan (73%)

 Magenta (64%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455B11 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 455B11 by changing the saturation by 10% instead.


 455B11

 455B11

FFFFFFE

 2D4300

 788D42

 152D00

 92A85B

 001A00

 AEC374

 000000

 C9DF8E

 E6FBA9

 FFFFC5

 FFFFE1

 455B11

 455B11

■ 425B08

■ 485B1A

■ 405B00

■ 4A5B23

■ 4D5B2C

■ 505B35

■ 535B3F

■ 555B48

■ 585B51

■ 5B5B5A

■ 5D5B63

Harmonies

Analogous

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



665105



455B11



0E612E

Triad

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



455B11



00608D



8E3357

Complementary

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



455B11



27115B

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.



7A3C78



455B11



005897

Square

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



455B11



006373



504C8F



8F3736

Rectangle

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



455B11



006345



504C8F



8A3562

Sweetspot

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



455B11



6D7559



5B2611



363B2A



BABABA



3B3B3B

Same Dimension

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



455B11



537502



215B11



2D2E29



4D6E00



A7ED00

Inverse Universe

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



27115B



250275



4B115B



2B292E



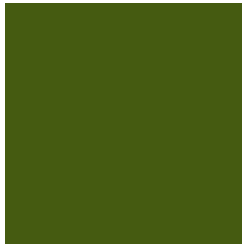
21006E



4700ED

Previews

White Background



This preview shows how the Hex color 455B11 looks on a white background.

Color Contrast Check

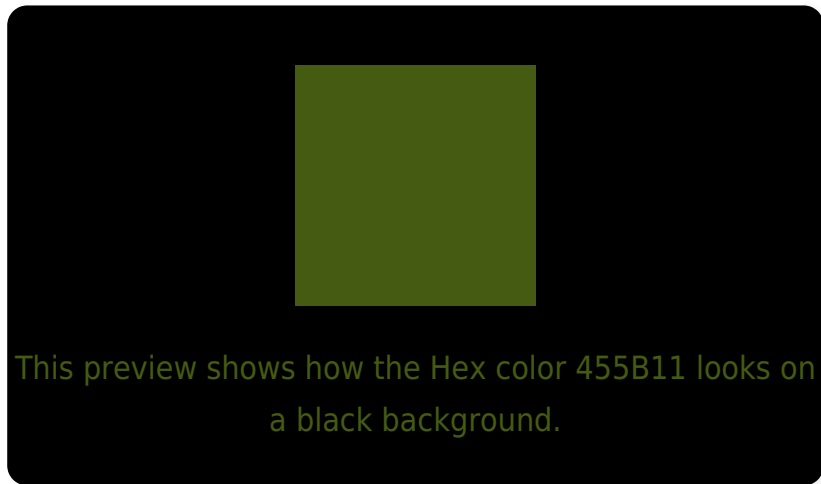
Large Text (above 18pt) WCAG AA ✓ Pass

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

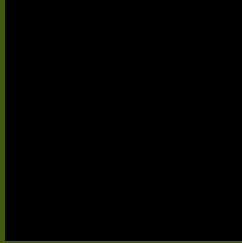
Any Text WCAG AA × Fail

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 455B11 Background



This preview shows how black text looks on a background with the Hex color 455B11.



This preview shows how white text looks on a background with the Hex color 455B11.

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
455B11

Protanopia
5E540F

Deuteranopia
694F17



Tritanopia
4D555B

Trichromacy



Original Color
455B11

Protanomaly
555710

Deuteranomaly
5C5315

Tritanomaly
4A5740

Monochromacy



Original Color
455B11

Achromatopsia
4C4C4C

Achromatomaly
495137

CSS Examples

Text

The CSS property to change the color of the text to Hex 455B11 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 #455B11 looks like.

```
.text, #text, p{  
    color:#455B11  
}
```

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 #455B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455B11
}
```

Border

The CSS property to change the border of an element to Hex 455B11 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
#455B11 }
```

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

```
.border{ border-color:#455B11 }
```

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

Here you see how a box with a 4 pixel #455B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455B11; -webkit-box-shadow:4px 4px  
4px 4px #455B11; box-shadow:4px 4px 4px  
4px #455B11 }
```

Background

The CSS property to change the background color of an element to Hex 455B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455B11 }
```

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

```
.background{ background-color:#455B11 }
```

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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