

Converting Colors

Hex(455A13)

Have a look what the booklet for
Hex(455A13) contains.

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Color

Hex(455A13)

Conversions

Conversions Part 1

Format	Color
Hex	455A13
RGB	69, 90, 19
RGB Percent	27%, 35%, 7%
CMY	0.7294, 0.6471, 0.9255
CMYK	0.23, 0.00, 0.79, 0.65
HSL	78°, 65%, 21%
HSV	78°, 79%, 35%
XYZ	6.2280, 8.6246, 1.9526
YIQ	75.6270, 10.2750, -26.5330

Conversions

Conversions Part 2

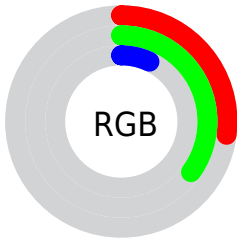
Format	Color
R_{YB}	19, 90, 40
Decimal	4545043
CIE Lab	35.25, -19.33, 36.01
CIE LCh	35, 40.876, 118.229
Yxy	8.6246, 0.3706, 0.5132
Android (android.graphics.Color)	4282735123 (0xFF455A13)
YUV	75.6270, -27.9171, -5.8119
Hunter-Lab	29.3676, -13.5390, 16.6153

Details

The Hex color **455A13** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **28135A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **788C44**, and **162C00** is the 20% darker color. If you saturate the color by 10%, you get **425A0A**, and if you desaturate by 10%, it is **485A1C**.

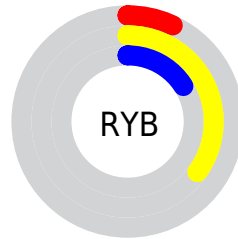
Distribution



Red (27%)

Green (35%)

Blue (7%)



Red (7%)

Yellow (35%)

Blue (16%)

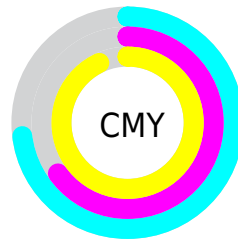


Cyan (23%)

Magenta (0%)

Yellow (79%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455A13 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 455A13 by changing the saturation by 10% instead.



455A13



455A13

FFFFFF



2D4200



788C44



162C00



92A75C



001A00



ADC276



000000



C9DE90



E6FAAB



FFFFC6



FFFFE3



455A13



455A13

■ 425A0A

■ 485A1C

■ 405A01

■ 4A5A25

■ 3F5A00

■ 4D5A2E

■ 505A37

■ 525A40

■ 555A49

■ 585A52

■ 5A5A5B

■ 5D5A64

Harmonies

Analogous

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



655108



455A13



12602F

Triad

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



455A13



005F8A



8C3356

Complementary

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



455A13



28135A

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.



783D76



455A13



005794

Square

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



455A13



006271



4F4B8D



8C3736

Rectangle

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



455A13



006244



4F4B8D



873561

Sweetspot

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



455A13



6D7559



5A2713



363B2A



BABABA



3B3B3B

Same Dimension

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



455A13



547506



225A13



2D2E29



4D6E00



A7ED00

Inverse Universe

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



28135A



270675



4B135A



2B292E



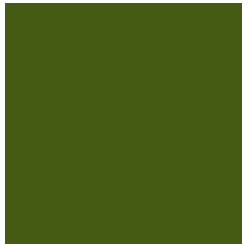
20006E



4600ED

Previews

White Background



This preview shows how the Hex color 455A13 looks on a white background.

Color Contrast Check

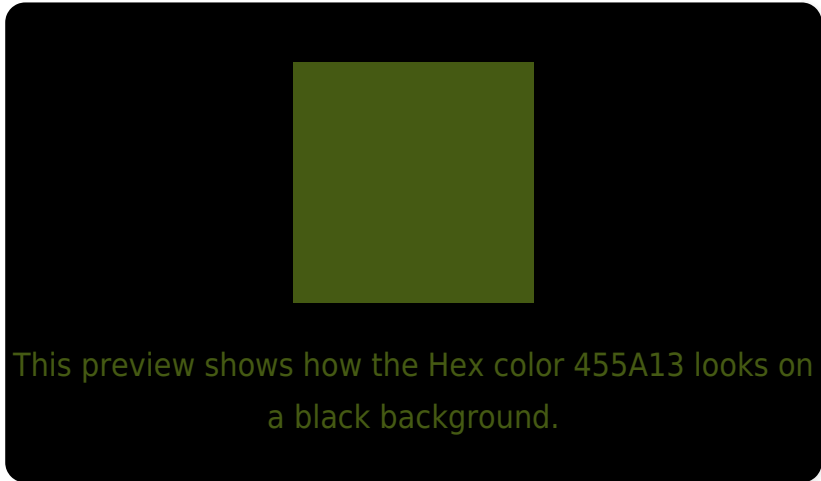
Large Text (above 18pt) WCAG AA ✓ Pass

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

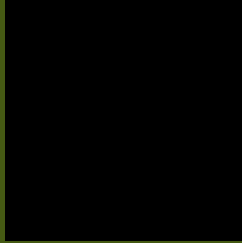
Any Text WCAG AA × Fail

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 455A13 Background



This preview shows how black text looks on a background with the Hex color 455A13.



This preview shows how white text looks on a background with the Hex color 455A13.

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
455A13

Protanopia
5D5311

Deuteranopia
684F19



Tritanopia
4D545A

Trichromacy



Original Color
455A13

Protanomaly
545612

Deuteranomaly
5B5317

Tritanomaly
4A5640

Monochromacy



Original Color
455A13

Achromatopsia
4C4C4C

Achromatomaly
495137

CSS Examples

Text

The CSS property to change the color of the text to Hex 455A13 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 #455A13 looks like.

```
.text, #text, p{  
    color:#455A13  
}
```

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 #455A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455A13
}
```

Border

The CSS property to change the border of an element to Hex 455A13 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".

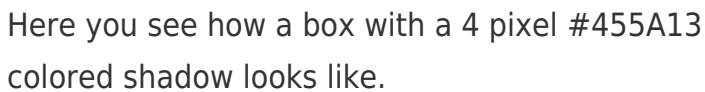
```
.border, #border, table{ border:4px solid
#455A13 }
```

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

```
.border{ border-color:#455A13 }
```

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

Here you see how a box with a 4 pixel #455A13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455A13; -webkit-box-shadow:4px 4px  
4px 4px #455A13; box-shadow:4px 4px 4px  
4px #455A13 }
```

Background

The CSS property to change the background color of an element to Hex 455A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455A13 }
```

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

```
.background{ background-color:#455A13 }
```

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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