

Converting Colors

Hex(455E14)

Have a look what the booklet for
Hex(455E14) contains.

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Color

Hex(455E14)

Conversions

Conversions Part 1

Format	Color
Hex	455E14
RGB	69, 94, 20
RGB Percent	27%, 37%, 8%
CMY	0.7294, 0.6314, 0.9216
CMYK	0.27, 0.00, 0.79, 0.63
HSL	80°, 65%, 22%
HSV	80°, 79%, 37%
XYZ	6.5832, 9.3211, 2.1140
YIQ	78.0890, 8.8540, -28.3140

Conversions

Conversions Part 2

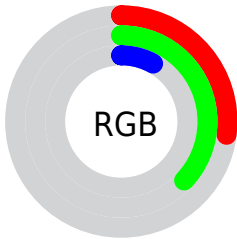
Format	Color
R_{YB}	20, 94, 45
Decimal	4546068
CIE Lab	36.60, -21.37, 36.93
CIE LCh	37, 42.663, 120.053
Yxy	9.3211, 0.3654, 0.5173
Android (android.graphics.Color)	4282736148 (0xFF455E14)
YUV	78.0890, -28.6379, -7.9711
Hunter-Lab	30.5305, -14.9389, 17.2660

Details

The Hex color **455E14** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2D145E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **789145**, and **153000** is the 20% darker color. If you saturate the color by 10%, you get **425E0B**, and if you desaturate by 10%, it is **485E1D**.

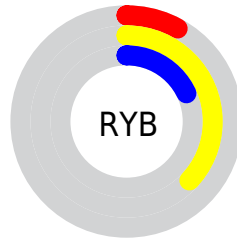
Distribution



Red (27%)

Green (37%)

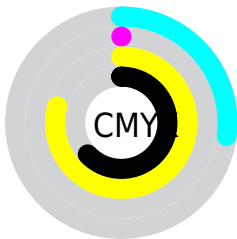
Blue (8%)



Red (8%)

Yellow (37%)

Blue (18%)

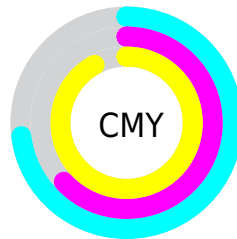


Cyan (27%)

Magenta (0%)

Yellow (79%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455E14 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 455E14 by changing the saturation by 10% instead.



455E14



455E14

FFFFFF



2D4600



789145



153000



92AB5E



001D00



AEC677



000000



C9E291



E6FFAC



FFFFC8



FFFFE4



455E14



455E14

■ 425E0B

■ 485E1D

■ 3F5E01

■ 4B5E27

■ 3E5E00

■ 4F5E30

■ 525E3A

■ 555E43

■ 585E4C

■ 5B5E56

■ 5E5E5F

■ 625E69

Harmonies

Analogous

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



675406



455E14



086432

Triad

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



455E14



006291



923557

Complementary

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



455E14



2D145E

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.



7F3E79



455E14



005A9B

Square

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



455E14



006678



554D92



923A36

Rectangle

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



455E14



006649



554D92



8E3663

Sweetspot

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



455E14



707A5D



5E2D14



373D2B



BDBDBD



3D3D3D

Same Dimension

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



455E14



547A07



205E14



2C2E29



496E00



9DED00

Inverse Universe

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



2D145E



2E077A



52145E



2B292E



25006E



5000ED

Previews

White Background



This preview shows how the Hex color 455E14 looks on a white background.

Color Contrast Check

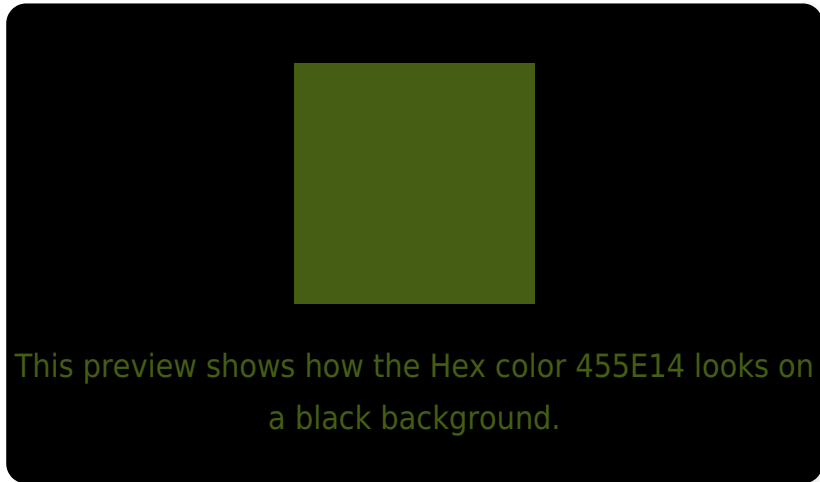
Large Text (above 18pt) WCAG AA ✓ Pass

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

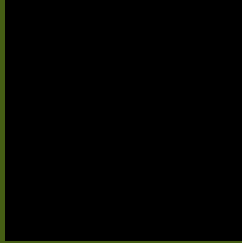
Any Text WCAG AA × Fail

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 455E14 Background



This preview shows how black text looks on a background with the Hex color 455E14.



This preview shows how white text looks on a background with the Hex color 455E14.

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
455E14

Protanopia
615612

Deuteranopia
6C521A



Tritanopia
4D585F

Trichromacy



Original Color
455E14

Protanomaly
575913

Deuteranomaly
5E5618

Tritanomaly
4A5A44

Monochromacy



Original Color
455E14

Achromatopsia
4E4E4E

Achromatomaly
4B5439

CSS Examples

Text

The CSS property to change the color of the text to Hex 455E14 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 #455E14 looks like.

```
.text, #text, p{  
    color:#455E14  
}
```

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 #455E14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455E14
}
```

Border

The CSS property to change the border of an element to Hex 455E14 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
#455E14 }
```

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

```
.border{ border-color:#455E14 }
```

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

Here you see how a box with a 4 pixel #455E14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455E14; -webkit-box-shadow:4px 4px  
4px 4px #455E14; box-shadow:4px 4px 4px  
4px #455E14 }
```

Background

The CSS property to change the background color of an element to Hex 455E14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455E14 }
```

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

```
.background{ background-color:#455E14 }
```

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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