

Converting Colors

Hex(455E15)

Have a look what the booklet for
Hex(455E15) contains.

Hex(455E15)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(455E15)

Conversions

Conversions Part 1

Format	Color
Hex	455E15
RGB	69, 94, 21
RGB Percent	27%, 37%, 8%
CMY	0.7294, 0.6314, 0.9176
CMYK	0.27, 0.00, 0.78, 0.63
HSL	81°, 63%, 23%
HSV	81°, 78%, 37%
XYZ	6.5923, 9.3248, 2.1619
YIQ	78.2030, 8.5330, -28.0030

Conversions

Conversions Part 2

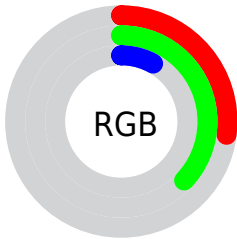
Format	Color
R_{YB}	21, 94, 46
Decimal	4546069
CIE _{Lab}	36.60, -21.30, 36.54
CIE _{LCh}	37, 42.292, 120.242
Yxy	9.3248, 0.3646, 0.5158
Android (android.graphics.Color)	4282736149 (0xFF455E15)
YUV	78.2030, -28.2011, -8.0710
Hunter-Lab	30.5365, -14.9037, 17.1780

Details

The Hex color **455E15** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E155E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **789146**, and **153000** is the 20% darker color. If you saturate the color by 10%, you get **425E0C**, and if you desaturate by 10%, it is **485E1E**.

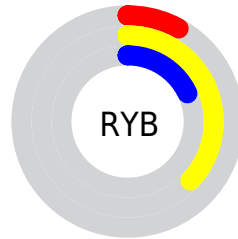
Distribution



Red (27%)

Green (37%)

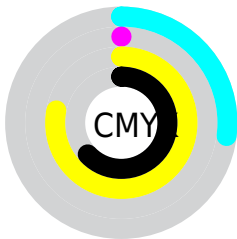
Blue (8%)



Red (8%)

Yellow (37%)

Blue (18%)

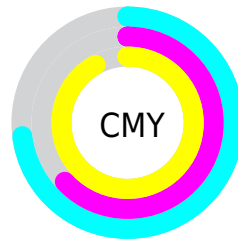


Cyan (27%)

Magenta (0%)

Yellow (78%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455E15 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 455E15 by changing the saturation by 10% instead.



455E15



455E15

FFFFFF



2D4600



789146



153000



92AB5E



001D00



ADC678



000000



C9E292



E6FFAD



FFFFC9



FFFFE5



455E15



455E15

■ 425E0C

■ 485E1E

■ 3F5E02

■ 4B5E28

■ 3E5E00

■ 4F5E31

■ 525E3B

■ 555E44

■ 585E4D

■ 5C5E57

■ 5F5E60

■ 625E6A

Harmonies

Analogous

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



675507



455E15



096433

Triad

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



455E15



006291



923557

Complementary

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



455E15



2E155E

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.



7F3E78



455E15



005A9A

Square

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



455E15



006677



564D91



913A36

Rectangle

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



455E15



006649



564D91



8E3763

Sweetspot

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



455E15



717A5E



5E2D15



373D2C



BDBDBD



3D3D3D

Same Dimension

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



455E15



537A09



215E15



2C2E29



486E00



9CED00

Inverse Universe

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



2E155E



30097A



52155E



2B292E



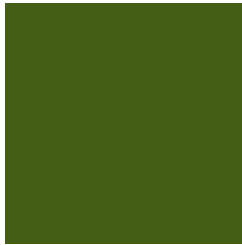
26006E



5100ED

Previews

White Background



This preview shows how the Hex color 455E15 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

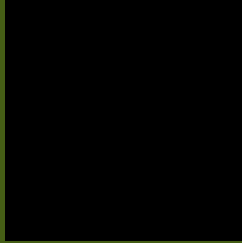
Any Text WCAG AA × Fail

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 455E15 Background



This preview shows how black text looks on a background with the Hex color 455E15.



This preview shows how white text looks on a background with the Hex color 455E15.

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
455E15

Protanopia
615613

Deuteranopia
6C521B



Tritanopia
4D585F

Trichromacy



Original Color
455E15

Protanomaly
575914

Deuteranomaly
5E5619

Tritanomaly
4A5A44

Monochromacy



Original Color
455E15

Achromatopsia
4E4E4E

Achromatomaly
4B5439

CSS Examples

Text

The CSS property to change the color of the text to Hex 455E15 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 #455E15 looks like.

```
.text, #text, p{  
    color:#455E15  
}
```

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 #455E15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455E15  
}
```

Border

The CSS property to change the border of an element to Hex 455E15 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  
#455E15 }
```

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

```
.border{ border-color:#455E15 }
```

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

Here you see how a box with a 4 pixel #455E15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455E15; -webkit-box-shadow:4px 4px  
4px 4px #455E15; box-shadow:4px 4px 4px  
4px #455E15 }
```

Background

The CSS property to change the background color of an element to Hex 455E15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455E15 }
```

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

```
.background{ background-color:#455E15 }
```

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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