

# Converting Colors

Hex(458E04)

Have a look what the booklet for  
Hex(458E04) contains.

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**Color**

**Hex(458E04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	458E04
RGB	69, 142, 4
RGB Percent	27%, 56%, 2%
CMY	0.7294, 0.4431, 0.9843
CMYK	0.51, 0.00, 0.97, 0.44
HSL	92°, 95%, 29%
HSV	92°, 97%, 56%
XYZ	12.1492, 20.6200, 3.4546
YIQ	104.4410, 0.7900, -58.3940

# Conversions

## Conversions Part 2

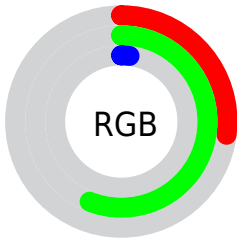
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 142, 77
Decimal	4558340
CIELab	52.53, -43.52, 54.84
CIELCh	53, 70.014, 128.437
Yxy	20.6200, 0.3354, 0.5692
Android (android.graphics.Color)	4282748420 (0xFF458E04)
YUV	104.4410, -49.5174, -31.0818
Hunter-Lab	45.4092, -31.7088, 27.2759

# Details

The Hex color **458E04** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4D048E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7DC445**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **438E00**, and if you desaturate by 10%, it is **4D8E12**.

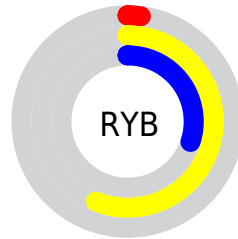
# Distribution



Red (27%)

Green (56%)

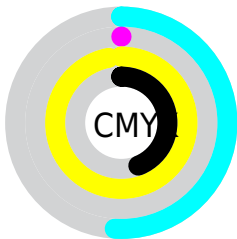
Blue (2%)



Red (2%)

Yellow (56%)

Blue (30%)

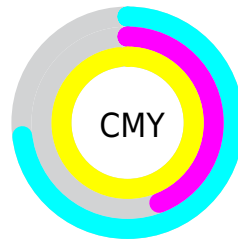


Cyan (51%)

Magenta (0%)

Yellow (97%)

Black (44%)



Cyan (73%)

Magenta (44%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 458E04 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 458E04 by changing the saturation by 10% instead.





458E04



458E04

FFFFFF



277400



7DC445



005B00



99E160



004200



B6FE7B



002C00



D3FF96



001000



F0FFB2



000000



FFFFCF



FFFFEB



458E04



458E04

■ 438E00

■ 4D8E12

■ 548E20

■ 5C8E2F

■ 638E3D

■ 6B8E4B

■ 728E59

■ 7A8E67

■ 818E76

■ 898E84

# Harmonies

## Analogous

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



888000



458E04



00954E

# Triad

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



458E04



0090EE



E6366F

# Complementary

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



458E04



4D048E

# 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.



D144AB



458E04



007FF5

# Square

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



458E04



0097C7



9365DC



DC4C35

# Rectangle

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



458E04



009778



9365DC



E33683



# Sweetspot

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



458E04



9BB882



8E4B04



4B5C3C



DBDBDB



5C5C5C



# Same Dimension

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



458E04



56B800



048E06



444740



408700



040800



# Inverse Universe

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



4D048E



6100B8



8E048C



444047



470087



040008



# Previews

## White Background



This preview shows how the Hex color 458E04 looks on a white background.

## Color Contrast Check

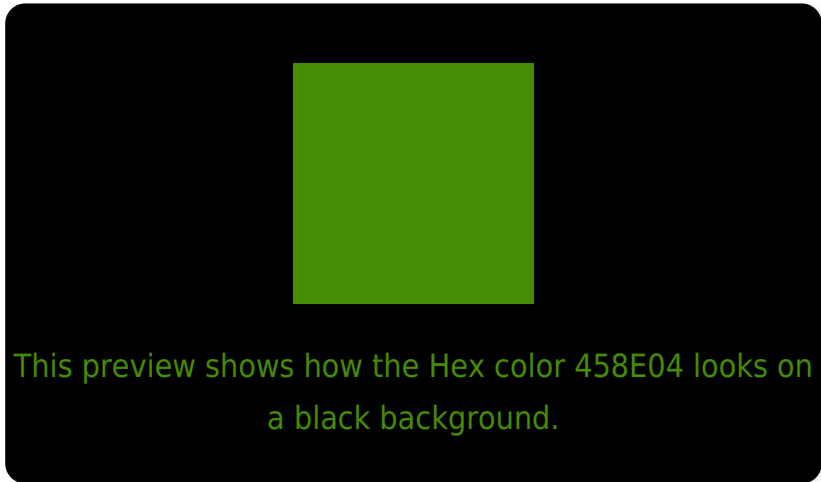
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 458E04 Background



This preview shows how black text looks on a background with the Hex color 458E04.



This preview shows how white text looks on a background with the Hex color 458E04.

# 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**  
458E04

**Protanopia**  
8D7D00

**Deuteranopia**  
9D761D



**Tritanopia**  
58848F

# Trichromacy



**Original Color**  
458E04

**Protanomaly**  
738301

**Deuteranomaly**  
7D7F14

**Tritanomaly**  
51885C

# Monochromacy



**Original Color**  
458E04

**Achromatopsia**  
686868

**Achromatomaly**  
5B7644

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 458E04 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 #458E04 looks like.

```
.text, #text, p{  
    color:#458E04  
}
```

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 #458E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458E04
}
```

## Border

The CSS property to change the border of an element to Hex 458E04 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
#458E04 }
```

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

```
.border{ border-color:#458E04 }
```

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

Here you see how a box with a 4 pixel #458E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458E04; -webkit-box-shadow:4px 4px  
4px 4px #458E04; box-shadow:4px 4px 4px  
4px #458E04 }
```

# Background

The CSS property to change the background color of an element to Hex 458E04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458E04 }
```

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

```
.background{ background-color:#458E04 }
```

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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