

Converting Colors

Hex(458145)

Have a look what the booklet for
Hex(458145) contains.

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Color

Hex(458145)

Conversions

Conversions Part 1

Format	Color
Hex	458145
RGB	69, 129, 69
RGB Percent	27%, 51%, 27%
CMY	0.7294, 0.4941, 0.7294
CMYK	0.47, 0.00, 0.47, 0.49
HSL	120°, 30%, 39%
HSV	120°, 47%, 51%
XYZ	11.3787, 17.3954, 8.3882
YIQ	104.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

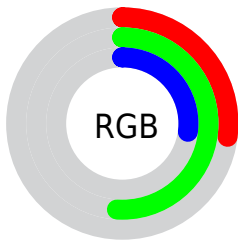
Format	Color
RYB	69, 129, 129
Decimal	4555077
CIELab	48.75, -32.69, 26.55
CIELCh	49, 42.108, 140.920
Yxy	17.3954, 0.3062, 0.4681
Android (android.graphics.Color)	4282745157 (0xFF458145)
YUV	104.2200, -17.3635, -30.8879
Hunter-Lab	41.7078, -24.2904, 17.2712

Details

The Hex color **458145** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **814581**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **79B676**, and **0E4F17** is the 20% darker color. If you saturate the color by 10%, you get **388138**, and if you desaturate by 10%, it is **528152**.

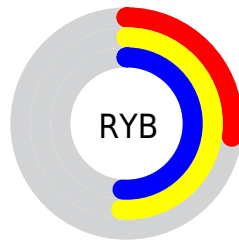
Distribution



Red (27%)

Green (51%)

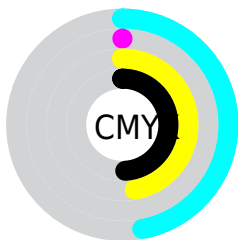
Blue (27%)



Red (27%)

Yellow (51%)

Blue (51%)

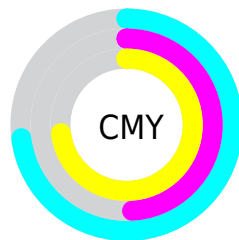


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458145 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 458145 by changing the saturation by 10% instead.

 458145

 458145

FFFFFF

 2B682E

 79B676

 0E4F17

 94D290

 003700

 AFEFAB

 002300

 CBFFC6

 000000

 E8FFE3

 458145

 458145

 388138

 528152

 2B812B

 5F815F

 1E811E

 6C816C

 118111

 798179

 058105

 868186

 008100

 928192

 9F819F

 AC81AC

 B981B9

Harmonies

Analogous

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



70792D



458145



008567

Triad

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



458145



007BBA



B6565C

Complementary

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



458145



814581

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.



B05680



458145



646FB6

Square

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



458145



0082AA



9560A1



AA613E

Rectangle

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



458145



008680



9560A1



B65568

Sweetspot

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



458145



91A891



818145



465446



D4D4D4



545454

Same Dimension

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



458145



4AA84A



458163



394039



008000



000000

Inverse Universe

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



814581



A84AA8



814563



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 458145 looks on a white background.

Color Contrast Check

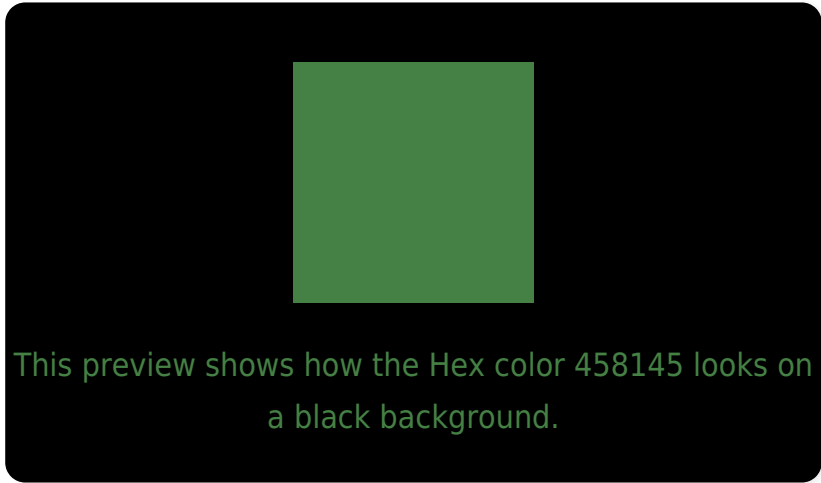
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 458145 Background



This preview shows how black text looks on a background with the Hex color 458145.



This preview shows how white text looks on a background with the Hex color 458145.

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
458145

Protanopia
7F7340

Deuteranopia
8B6E4A



Tritanopia
527A84

Trichromacy



Original Color
458145

Protanomaly
6A7842

Deuteranomaly
727548

Tritanomaly
4D7D6D

Monochromacy



Original Color
458145

Achromatopsia
686868

Achromatomaly
5B715B

CSS Examples

Text

The CSS property to change the color of the text to Hex 458145 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 #458145 looks like.

```
.text, #text, p{  
    color:#458145  
}
```

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 #458145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458145
}
```

Border

The CSS property to change the border of an element to Hex 458145 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
#458145 }
```

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

```
.border{ border-color:#458145 }
```

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

Here you see how a box with a 4 pixel #458145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458145; -webkit-box-shadow:4px 4px  
4px 4px #458145; box-shadow:4px 4px 4px  
4px #458145 }
```

Background

The CSS property to change the background color of an element to Hex 458145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458145 }
```

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

```
.background{ background-color:#458145 }
```

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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