

Converting Colors

Hex(458961)

Have a look what the booklet for
Hex(458961) contains.

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Color

Hex(458961)

Conversions

Conversions Part 1

Format	Color
Hex	458961
RGB	69, 137, 97
RGB Percent	27%, 54%, 38%
CMY	0.7294, 0.4627, 0.6196
CMYK	0.50, 0.00, 0.29, 0.46
HSL	145°, 33%, 40%
HSV	145°, 50%, 54%
XYZ	13.5576, 20.0196, 14.4589
YIQ	112.1080, -27.6880, -26.8560

Conversions

Conversions Part 2

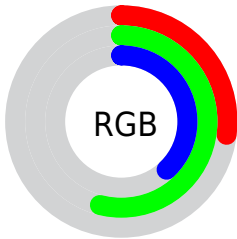
Format	Color
RYB	69, 117, 137
Decimal	4557153
CIELab	51.86, -31.25, 14.96
CIElCh	52, 34.648, 154.415
Yxy	20.0196, 0.2822, 0.4168
Android (android.graphics.Color)	4282747233 (0xFF458961)
YUV	112.1080, -7.4482, -37.8057
Hunter-Lab	44.7433, -24.2138, 12.1606

Details

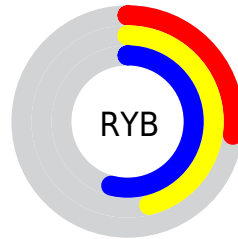
The Hex color **458961** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **89456D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7ABF94**, and **0B5632** is the 20% darker color. If you saturate the color by 10%, you get **378959**, and if you desaturate by 10%, it is **538969**.

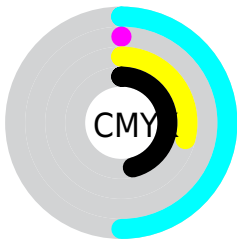
Distribution



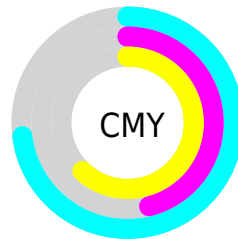
- Red (27%)
- Green (54%)
- Blue (38%)



- Red (27%)
- Yellow (46%)
- Blue (54%)



- Cyan (50%)
- Magenta (0%)
- Yellow (29%)
- Black (46%)



- Cyan (73%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458961 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 458961 by changing the saturation by 10% instead.

 458961

 458961

FFFFFF

 2B6F49

 7ABF94

 0B5632

 94DBAE

 003F1D

 B0F8CA

 002805

 CCFE6

 000D00

 E9FFFF

 000000

 458961

 458961

 378959

 538969

 2A8951

 608971

■ 1C8949

■ 6E8979

■ 0E8941

■ 7C8981

■ 008939

■ 8A8989

■ 008938

■ 978991

■ A58999

■ B389A1

■ C089AA

Harmonies

Analogous

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



6B8449



458961



008B7F

Triad

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



458961



547DB7



B2675C

Complementary

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



458961



89456D

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.



B36478



458961



8472AD

Square

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



458961



0085B1



A46896



A37147

Rectangle

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



458961



008B93



A46896



B46565

Sweetspot

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



458961



98B3A3



6E8945



495950



D9D9D9



595959

Same Dimension

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



458961



47B373



458982



3E4541



008537



000502

Inverse Universe

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



89456D



B34786



89454C



453E42



85004E



050003

Previews

White Background



This preview shows how the Hex color 458961 looks on a white background.

Color Contrast Check

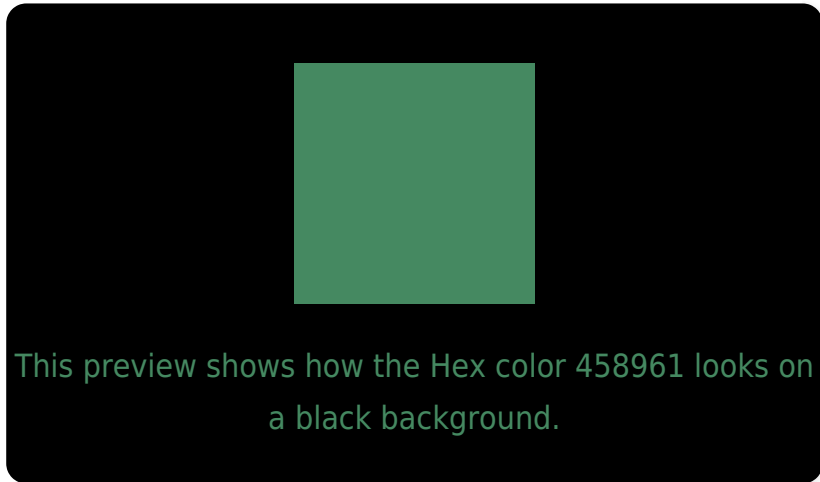
Large Text (above 18pt) WCAG AA ✓ Pass

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

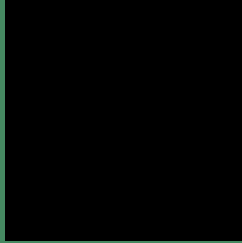
Any Text WCAG AA ✓ Pass

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 458961 Background



This preview shows how black text looks on a background with the Hex color 458961.

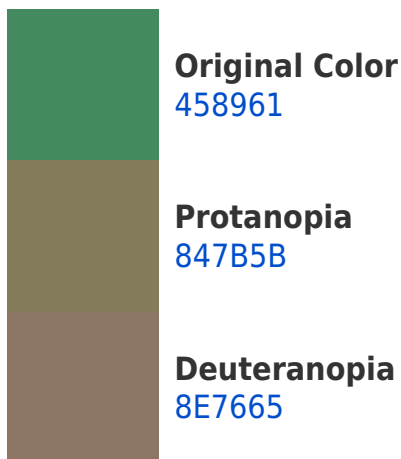


This preview shows how white text looks on a background with the Hex color 458961.

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



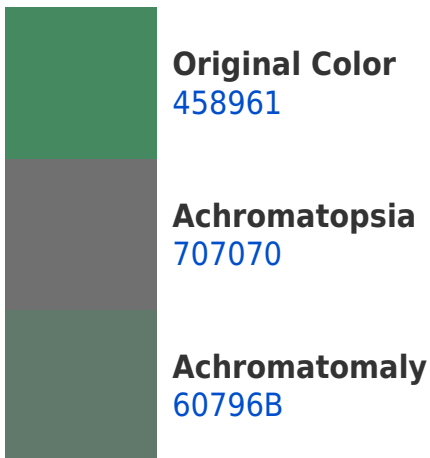


Tritanopia
51838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 458961 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 #458961 looks like.

```
.text, #text, p{  
    color:#458961  
}
```

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 #458961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458961
}
```

Border

The CSS property to change the border of an element to Hex 458961 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
#458961 }
```

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

```
.border{ border-color:#458961 }
```

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

Here you see how a box with a 4 pixel #458961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458961; -webkit-box-shadow:4px 4px  
4px 4px #458961; box-shadow:4px 4px 4px  
4px #458961 }
```

Background

The CSS property to change the background color of an element to Hex 458961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458961 }
```

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

```
.background{ background-color:#458961 }
```

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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