

Converting Colors

Hex(456856)

Have a look what the booklet for
Hex(456856) contains.

Hex(456856)	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(456856)

Conversions

Conversions Part 1

Format	Color
Hex	456856
RGB	69, 104, 86
RGB Percent	27%, 41%, 34%
CMY	0.7294, 0.5922, 0.6627
CMYK	0.34, 0.00, 0.17, 0.59
HSL	149°, 20%, 34%
HSV	149°, 34%, 41%
XYZ	9.0843, 11.8377, 10.6102
YIQ	91.4830, -15.0820, -13.0180

Conversions

Conversions Part 2

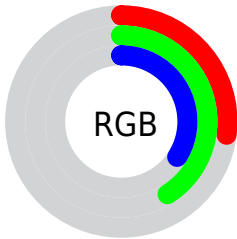
Format	Color
RYB	69, 93, 104
Decimal	4548694
CIELab	40.96, -16.90, 6.17
CIElCh	41, 17.989, 159.951
Yxy	11.8377, 0.2881, 0.3754
Android (android.graphics.Color)	4282738774 (0xFF456856)
YUV	91.4830, -2.7031, -19.7176
Hunter-Lab	34.4060, -13.0808, 5.8002

Details

The Hex color **456856** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684557**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **769B88**, and **173929** is the 20% darker color. If you saturate the color by 10%, you get **3B6851**, and if you desaturate by 10%, it is **4F685B**.

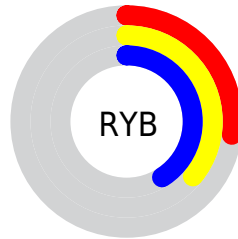
Distribution



Red (27%)

Green (41%)

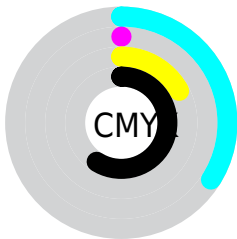
Blue (34%)



Red (27%)

Yellow (36%)

Blue (41%)

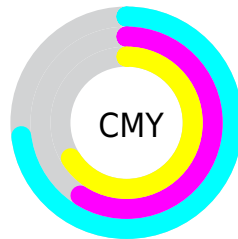


Cyan (34%)

Magenta (0%)

Yellow (17%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456856 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 456856 by changing the saturation by 10% instead.

 456856

 456856

FFFFFF

 2E503F

 769B88

 173929

 90B6A2

 012315

 ABD2BD

 000700

 C7EED9

 000000

 E3FFF5

 456856

 456856

 3B6851

 4F685B

 30684B


 5A6861

 266846

 646866

 1B6841

 6F686B

 11683B

 796871

 076836

 836876

 006833

 8E687B

 986881

 A36886

Harmonies

Analogous

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



56654A



456856



376965

Triad

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



456856



55607D



7D584E

Complementary

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



456856



684557

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.



7E565C



456856



695B77

Square

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



456856



41657C



77576B



745C45

Rectangle

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



456856



34686F



77576B



7E5753

Sweetspot

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



456856



7A8780



576845



3D4541



C4C4C4



454545

Same Dimension

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



456856



51876B



456867



2E3330



007338



00F276

Inverse Universe

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



684557



87516D



684546



332E31



73003B



F2007D

Previews

White Background



This preview shows how the Hex color 456856 looks on a white background.

Color Contrast Check

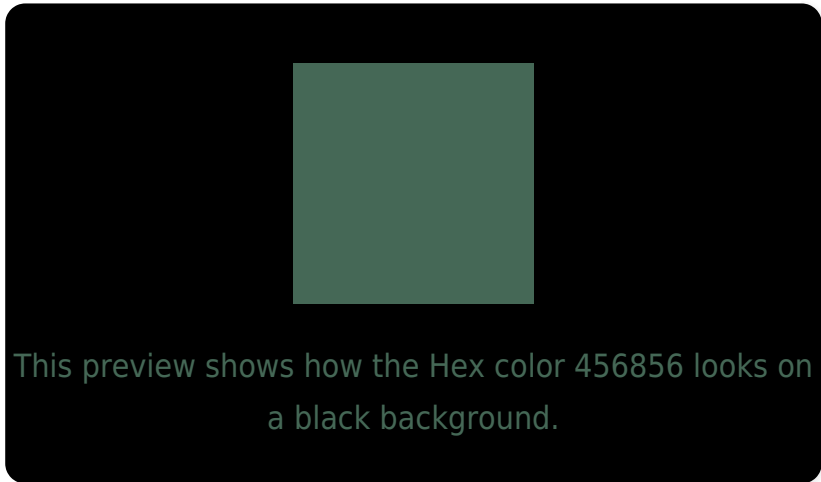
Large Text (above 18pt) WCAG AA ✓ Pass

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

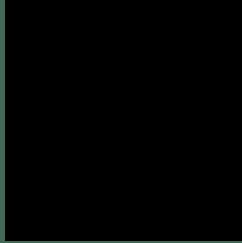
Any Text WCAG AA × Fail

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 456856 Background



This preview shows how black text looks on a background with the Hex color 456856.

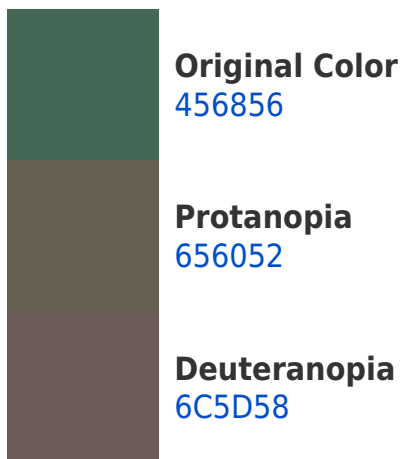



This preview shows how white text looks on a background with the Hex color 456856.

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
4A656D

Trichromacy



Original Color
456856

Protanomaly
596353

Deuteranomaly
5E6157

Tritanomaly
486665

Monochromacy



Original Color
456856

Achromatopsia
5B5B5B

Achromatomaly
536059

CSS Examples

Text

The CSS property to change the color of the text to Hex 456856 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 #456856 looks like.

```
.text, #text, p{  
    color:#456856  
}
```

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 #456856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456856
}
```

Border

The CSS property to change the border of an element to Hex 456856 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
#456856 }
```

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

```
.border{ border-color:#456856 }
```

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

Here you see how a box with a 4 pixel #456856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456856; -webkit-box-shadow:4px 4px  
4px 4px #456856; box-shadow:4px 4px 4px  
4px #456856 }
```

Background

The CSS property to change the background color of an element to Hex 456856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456856 }
```

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

```
.background{ background-color:#456856 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor