

Converting Colors

Hex(456157)

Have a look what the booklet for
Hex(456157) contains.

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Color

Hex(456157)

Conversions

Conversions Part 1

Format	Color
Hex	456157
RGB	69, 97, 87
RGB Percent	27%, 38%, 34%
CMY	0.7294, 0.6196, 0.6588
CMYK	0.29, 0.00, 0.10, 0.62
HSL	159°, 17%, 33%
HSV	159°, 29%, 38%
XYZ	8.4492, 10.5027, 10.5987
YIQ	87.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

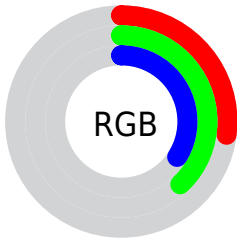
Format	Color
RYB	69, 86, 97
Decimal	4546903
CIELab	38.73, -12.76, 2.36
CIELCh	39, 12.972, 169.515
Yxy	10.5027, 0.2859, 0.3554
Android (android.graphics.Color)	4282736983 (0xFF456157)
YUV	87.4880, -0.2406, -16.2140
Hunter-Lab	32.4079, -10.1761, 3.2952

Details

The Hex color **456157** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61454F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **769489**, and **18322A** is the 20% darker color. If you saturate the color by 10%, you get **3B6154**, and if you desaturate by 10%, it is **4F615A**.

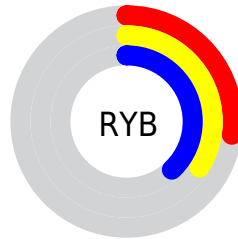
Distribution



Red (27%)

Green (38%)

Blue (34%)



Red (27%)

Yellow (34%)

Blue (38%)

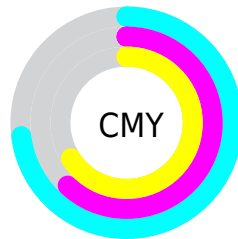


Cyan (29%)

Magenta (0%)

Yellow (10%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456157 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 456157 by changing the saturation by 10% instead.

456157

456157

FFFFFF

2E4940

769489

18322A

90AEA3

011E15

ABCABE

000000

C6E6DA

E2FFF6

456157

456157

3B6154

4F615A

326150

58615E

■ 28614D

■ 626161

■ 1E6149

■ 6C6165

■ 146146

■ 756168

■ 0B6142

■ 7F616C

■ 01613F

■ 89616F

■ 00613E

■ 936173

■ 9C6176

Harmonies

Analogous

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



505F4D



456157



3F6162

Triad

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



456157



585A6F



6E564C

Complementary

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



456157



61454F

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.



715455



456157



655669

Square

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



456157



4A5D70



6E545F



675947

Rectangle

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



456157



3F6068



6E545F



70554E

Sweetspot

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



456157



727D79



4F6145



39403D



BFBFBF



404040

Same Dimension

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



456157



517D6D



455D61



2C302F



007048



00F09A

Inverse Universe

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



61454F



7D5161



614945



302C2D



700028



F00056

Previews

White Background



This preview shows how the Hex color 456157 looks on a white background.

Color Contrast Check

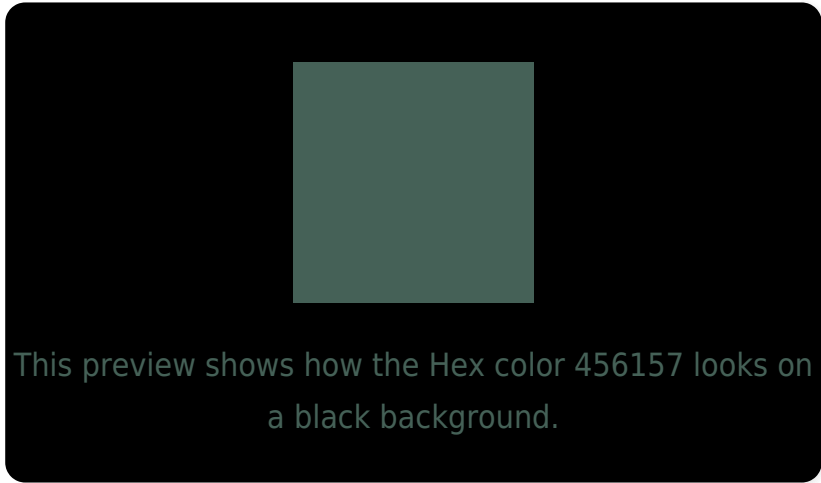
Large Text (above 18pt) WCAG AA ✓ Pass

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

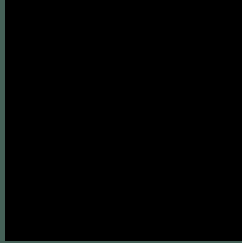
Any Text WCAG AA × Fail

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 456157 Background



This preview shows how black text looks on a background with the Hex color 456157.



This preview shows how white text looks on a background with the Hex color 456157.

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
456157

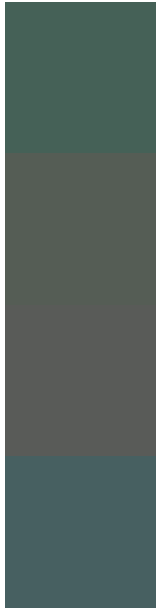
Protanopia
5E5B54

Deuteranopia
645859



Tritanopia
485F66

Trichromacy



Original Color
456157

Protanomaly
555D55

Deuteranomaly
595B58

Tritanomaly
476061

Monochromacy



Original Color
456157

Achromatopsia
575757

Achromatomaly
505B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 456157 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 #456157 looks like.

```
.text, #text, p{  
    color:#456157  
}
```

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 #456157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456157  
}
```

Border

The CSS property to change the border of an element to Hex 456157 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  
#456157 }
```

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

```
.border{ border-color:#456157 }
```

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

Here you see how a box with a 4 pixel #456157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456157; -webkit-box-shadow:4px 4px  
4px 4px #456157; box-shadow:4px 4px 4px  
4px #456157 }
```

Background

The CSS property to change the background color of an element to Hex 456157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456157 }
```

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

```
.background{ background-color:#456157 }
```

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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