

Converting Colors

Hex(456357)

Have a look what the booklet for
Hex(456357) contains.

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Color

Hex(456357)

Conversions

Conversions Part 1

Format	Color
Hex	456357
RGB	69, 99, 87
RGB Percent	27%, 39%, 34%
CMY	0.7294, 0.6118, 0.6588
CMYK	0.30, 0.00, 0.12, 0.61
HSL	156°, 18%, 33%
HSV	156°, 30%, 39%
XYZ	8.6364, 10.8770, 10.6611
YIQ	88.6620, -14.0280, -10.0920

Conversions

Conversions Part 2

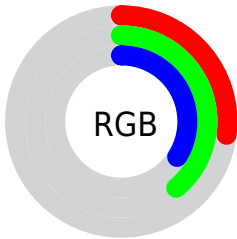
Format	Color
RYB	69, 88, 99
Decimal	4547415
CIELab	39.37, -13.89, 3.29
CIELCh	39, 14.273, 166.681
Yxy	10.8770, 0.2862, 0.3605
Android (android.graphics.Color)	4282737495 (0xFF456357)
YUV	88.6620, -0.8194, -17.2436
Hunter-Lab	32.9803, -10.9727, 3.9203

Details

The Hex color **456357** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634551**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **769689**, and **18342A** is the 20% darker color. If you saturate the color by 10%, you get **3B6353**, and if you desaturate by 10%, it is **4F635B**.

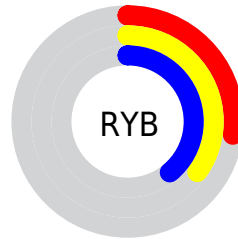
Distribution



Red (27%)

Green (39%)

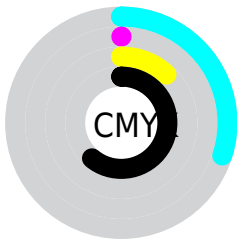
Blue (34%)



Red (27%)

Yellow (35%)

Blue (39%)

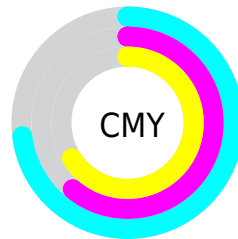


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456357 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 456357 by changing the saturation by 10% instead.

■ 456357

■ 456357

FFFFFF

■ 2E4B40

■ 769689

■ 18342A

■ 90B1A3

■ 011F15

■ ABCCBE

■ 000000

■ C6E8DA

■ E2FFF6

■ 456357

■ 456357

■ 3B6353

■ 4F635B

■ 31634F

■ 59635F

■ 27634B

■ 636363

■ 1D6347

■ 6D6367

■ 136343

■ 77636B

■ 0A633F

■ 80636F

■ 00633B

■ 8A6373

■ 946377

■ 9E637B

Harmonies

Analogous

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



51614D



456357



3D6363

Triad

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



456357



585C73



72574C

Complementary

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



456357



634551

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.



75557



456357



67586D

Square

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



456357



485F73



715562



6A5A46

Rectangle

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



456357



3C636A



715562



74564F

Sweetspot

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



456357



74807B



516345



39403D



BFBFBF



404040

Same Dimension

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



456357



52806D



456063



2C302F



007043



00F090

Inverse Universe

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



634551



805264



634845



302C2E



70002D



F00060

Previews

White Background



This preview shows how the Hex color 456357 looks on a white background.

Color Contrast Check

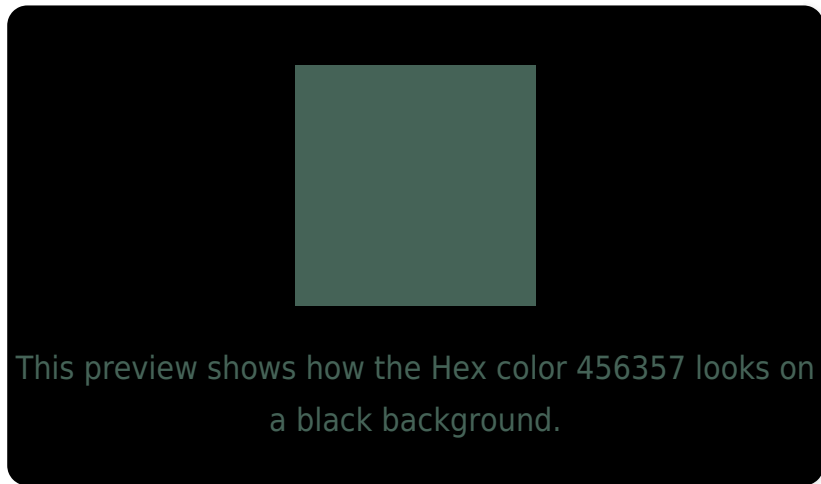
Large Text (above 18pt) WCAG AA ✓ Pass

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

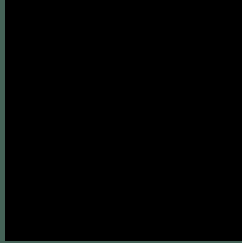
Any Text WCAG AA × Fail

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 456357 Background



This preview shows how black text looks on a background with the Hex color 456357.



This preview shows how white text looks on a background with the Hex color 456357.

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
456357

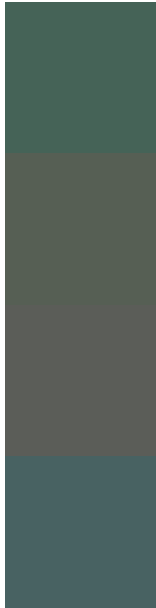
Protanopia
605C53

Deuteranopia
675959



Tritanopia
496168

Trichromacy



Original Color
456357

Protanomaly
565F54

Deuteranomaly
5B5D58

Tritanomaly
486262

Monochromacy



Original Color
456357

Achromatopsia
595959

Achromatomaly
525D58

CSS Examples

Text

The CSS property to change the color of the text to Hex 456357 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 #456357 looks like.

```
.text, #text, p{  
    color:#456357  
}
```

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 #456357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456357
}
```

Border

The CSS property to change the border of an element to Hex 456357 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
#456357 }
```

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

```
.border{ border-color:#456357 }
```

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

Here you see how a box with a 4 pixel #456357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456357; -webkit-box-shadow:4px 4px  
4px 4px #456357; box-shadow:4px 4px 4px  
4px #456357 }
```

Background

The CSS property to change the background color of an element to Hex 456357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456357 }
```

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

```
.background{ background-color:#456357 }
```

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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