

Converting Colors

Hex(456354)

Have a look what the booklet for
Hex(456354) contains.

Hex(456354)	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(456354)

Conversions

Conversions Part 1

Format	Color
Hex	456354
RGB	69, 99, 84
RGB Percent	27%, 39%, 33%
CMY	0.7294, 0.6118, 0.6706
CMYK	0.30, 0.00, 0.15, 0.61
HSL	150°, 18%, 33%
HSV	150°, 30%, 39%
XYZ	8.5163, 10.8290, 10.0289
YIQ	88.3200, -13.0650, -11.0250

Conversions

Conversions Part 2

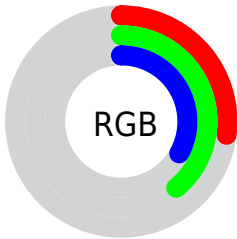
Format	Color
RYB	69, 89, 99
Decimal	4547412
CIELab	39.29, -14.58, 5.01
CIELCh	39, 15.420, 161.051
Yxy	10.8290, 0.2899, 0.3687
Android (android.graphics.Color)	4282737492 (0xFF456354)
YUV	88.3200, -2.1298, -16.9436
Hunter-Lab	32.9074, -11.3929, 4.9660

Details

The Hex color **456354** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634554**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **769686**, and **183427** is the 20% darker color. If you saturate the color by 10%, you get **3B634F**, and if you desaturate by 10%, it is **4F6359**.

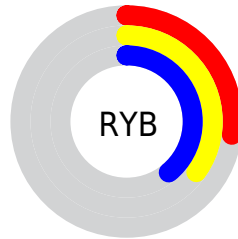
Distribution



Red (27%)

Green (39%)

Blue (33%)



Red (27%)

Yellow (35%)

Blue (39%)

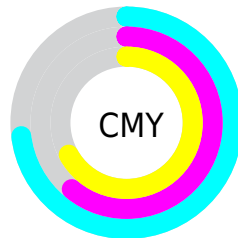


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456354 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 456354 by changing the saturation by 10% instead.



456354



456354

FFFFFF



2E4B3D



769686



183427



90B1A0



011F13



ABCCBB



000000



C6E8D6



E2FFF3



456354



456354



3B634F



4F6359



31634A



59635E

■ 276345

■ 636363

■ 1D6340

■ 6D6368

■ 13633B

■ 77636D

■ 0A6336

■ 806372

■ 006332

■ 8A6377

■ 94637C

■ 9E6381

Harmonies

Analogous

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



536149



456354



3B6461

Triad

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



456354



545C75



75554D

Complementary

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



456354



634554

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.



765458



456354



64586F

Square

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



456354



436074



715465



6D5945

Rectangle

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



456354



386369



715465



765450

Sweetspot

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



456354



74807A



546345



39403C



BFBFBF



404040

Same Dimension

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



456354



528069



456363



2C302E



007038



00F078

Inverse Universe

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



634554



805269



634545



302C2E



700038



F00078

Previews

White Background



This preview shows how the Hex color 456354 looks on a white background.

Color Contrast Check

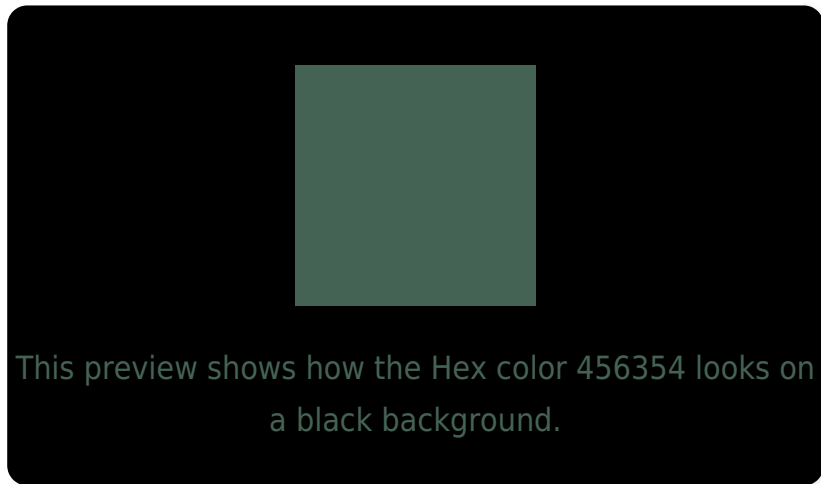
Large Text (above 18pt) WCAG AA ✓ Pass

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

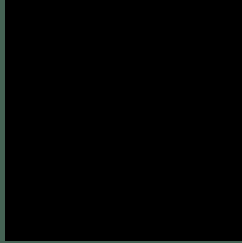
Any Text WCAG AA × Fail

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 456354 Background



This preview shows how black text looks on a background with the Hex color 456354.

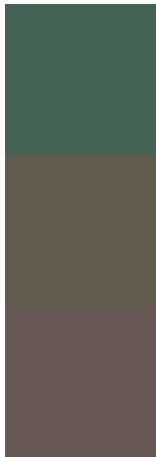


This preview shows how white text looks on a background with the Hex color 456354.

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
456354

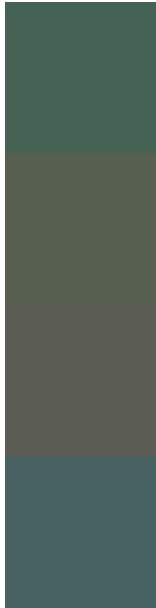
Protanopia
615C50

Deuteranopia
675956



Tritanopia
496068

Trichromacy



Original Color
456354

Protanomaly
575F51

Deuteranomaly
5B5D55

Tritanomaly
486161

Monochromacy



Original Color
456354

Achromatopsia
585858

Achromatomaly
515C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 456354 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 #456354 looks like.

```
.text, #text, p{  
    color:#456354  
}
```

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 #456354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456354
}
```

Border

The CSS property to change the border of an element to Hex 456354 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
#456354 }
```

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

```
.border{ border-color:#456354 }
```

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

Here you see how a box with a 4 pixel #456354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456354; -webkit-box-shadow:4px 4px  
4px 4px #456354; box-shadow:4px 4px 4px  
4px #456354 }
```

Background

The CSS property to change the background color of an element to Hex 456354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456354 }
```

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

```
.background{ background-color:#456354 }
```

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