

Converting Colors

Hex(456359)

Have a look what the booklet for
Hex(456359) contains.

Hex(456359)	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(456359)

Conversions

Conversions Part 1

Format	Color
Hex	456359
RGB	69, 99, 89
RGB Percent	27%, 39%, 35%
CMY	0.7294, 0.6118, 0.6510
CMYK	0.30, 0.00, 0.10, 0.61
HSL	160°, 18%, 33%
HSV	160°, 30%, 39%
XYZ	8.7193, 10.9102, 11.0975
YIQ	88.8900, -14.6700, -9.4700

Conversions

Conversions Part 2

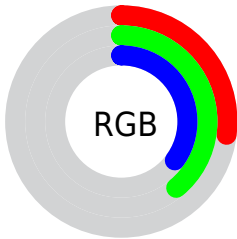
Format	Color
RYB	69, 87, 99
Decimal	4547417
CIELab	39.43, -13.42, 2.14
CIELCh	39, 13.585, 170.919
Yxy	10.9102, 0.2838, 0.3551
Android (android.graphics.Color)	4282737497 (0xFF456359)
YUV	88.8900, 0.0542, -17.4435
Hunter-Lab	33.0305, -10.6838, 3.2013

Details

The Hex color **456359** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **63454F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **76968B**, and **18342C** is the 20% darker color. If you saturate the color by 10%, you get **3B6356**, and if you desaturate by 10%, it is **4F635C**.

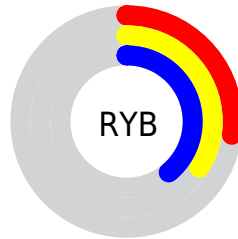
Distribution



Red (27%)

Green (39%)

Blue (35%)



Red (27%)

Yellow (34%)

Blue (39%)

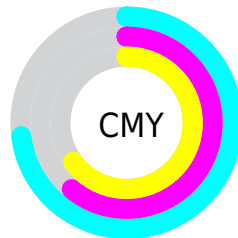


Cyan (30%)

Magenta (0%)

Yellow (10%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456359 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 456359 by changing the saturation by 10% instead.

 456359

 456359

FFFFFF

 2E4B42

 76968B

 18342C

 90B1A5

 011F17

 ABCC0

 000000

 C6E8DC

 E2FFF9

 456359

 456359

 3B6356

 4F635C

 316352

 596360

■ 27634F

■ 636363

■ 1D634C

■ 6D6366

■ 136349

■ 77636A

■ 0A6345

■ 80636D

■ 006342

■ 8A6370

■ 946373

■ 9E6377

Harmonies

Analogous

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



50614F



456359



3E6364

Triad

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



456359



5A5B71



71584C

Complementary

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



456359



63454F

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.



745555



456359



68586B

Square

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



456359



4C5F72



715561



685B47

Rectangle

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



456359



3F626B



715561



72574F

Sweetspot

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



456359



74807C



4F6345



39403D



BFBFBF



404040

Same Dimension

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



456359



528070



455E63



2C302F



00704B



00F0A0

Inverse Universe

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



63454F



805261



634A45



302C2D



700025



F00050

Previews

White Background



This preview shows how the Hex color 456359 looks on a white background.

Color Contrast Check

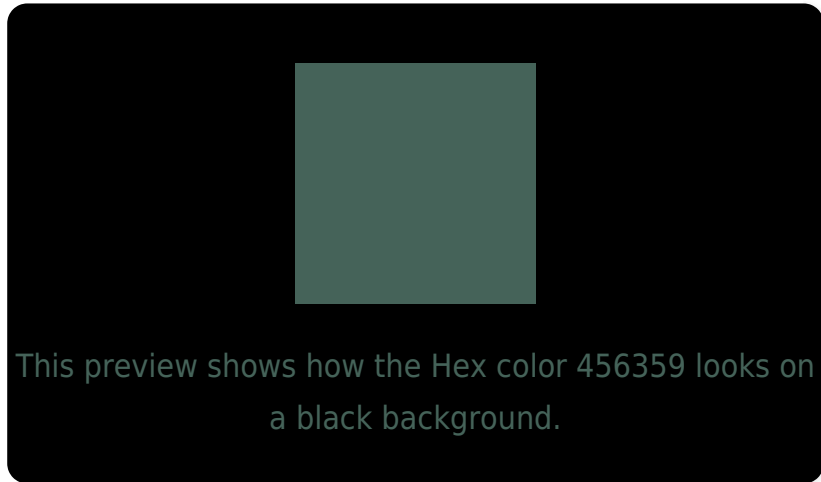
Large Text (above 18pt) WCAG AA ✓ Pass

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

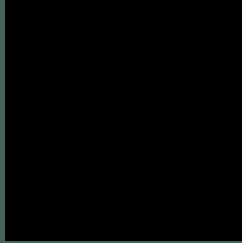
Any Text WCAG AA × Fail

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 456359 Background



This preview shows how black text looks on a background with the Hex color 456359.



This preview shows how white text looks on a background with the Hex color 456359.

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
456359

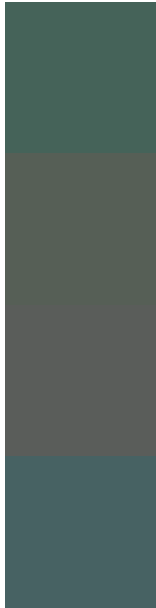
Protanopia
605C55

Deuteranopia
665A5B



Tritanopia
486169

Trichromacy



Original Color
456359

Protanomaly
565F56

Deuteranomaly
5A5D5A

Tritanomaly
476263

Monochromacy



Original Color
456359

Achromatopsia
595959

Achromatomaly
525D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 456359 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 #456359 looks like.

```
.text, #text, p{  
    color:#456359  
}
```

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 #456359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456359
}
```

Border

The CSS property to change the border of an element to Hex 456359 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
#456359 }
```

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

```
.border{ border-color:#456359 }
```

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

Here you see how a box with a 4 pixel #456359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456359; -webkit-box-shadow:4px 4px  
4px 4px #456359; box-shadow:4px 4px 4px  
4px #456359 }
```

Background

The CSS property to change the background color of an element to Hex 456359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456359 }
```

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

```
.background{ background-color:#456359 }
```

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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