

Converting Colors

Hex(456363)

Have a look what the booklet for
Hex(456363) contains.

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Color

Hex(456363)

Conversions

Conversions Part 1

Format	Color
Hex	456363
RGB	69, 99, 99
RGB Percent	27%, 39%, 39%
CMY	0.7294, 0.6118, 0.6118
CMYK	0.30, 0.00, 0.00, 0.61
HSL	180°, 18%, 33%
HSV	180°, 30%, 39%
XYZ	9.1682, 11.0897, 13.4617
YIQ	90.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

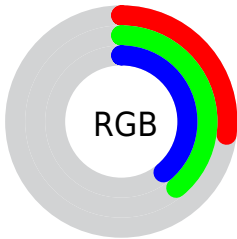
Format	Color
RYB	69, 84, 99
Decimal	4547427
CIELab	39.73, -10.91, -3.55
CIElCh	40, 11.475, 198.002
Yxy	11.0897, 0.2719, 0.3289
Android (android.graphics.Color)	4282737507 (0xFF456363)
YUV	90.0300, 4.4222, -18.4433
Hunter-Lab	33.3013, -9.1341, -0.6565

Details

The Hex color **456363** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634545**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **769696**, and **173435** is the 20% darker color. If you saturate the color by 10%, you get **3B6363**, and if you desaturate by 10%, it is **4F6363**.

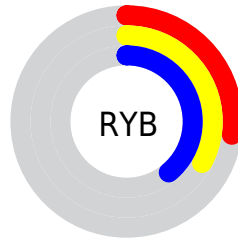
Distribution



Red (27%)

Green (39%)

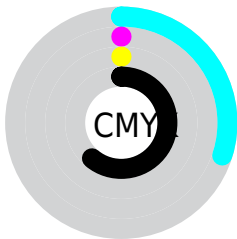
Blue (39%)



Red (27%)

Yellow (33%)

Blue (39%)

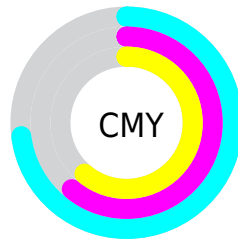


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456363 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 456363 by changing the saturation by 10% instead.

■ 456363

■ 456363

FFFFFF

■ 2E4B4B

■ 769696

■ 173435

■ 90B1B0

■ 011F1F

■ ABCCCC

■ 000008

■ C7E8E8

■ 000000

■ E3FFFF

■ 456363

■ 456363

■ 3B6363

■ 4F6363

■ 316363

■ 596363

■ 276363

■ 636363

■ 1D6363

■ 6D6363

■ 136363

■ 776363

■ 0A6363

■ 806363

■ 006363

■ 8A6363

■ 946363

■ 9E6363

Harmonies

Analogous

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



4B6359



456363



46626B

Triad

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



456363



66596A



695C4C

Complementary

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



456363



634545

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.



6F5950



456363



6E5762

Square

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



456363



5A5C6F



715758



5F5F4C

Rectangle

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



456363



4B606F



715758



6B5B4D

Sweetspot

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



456363



748080



456345



394040



BFBFBF



404040

Same Dimension

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



456363



528080



455463



2C3030



007070



00F0F0

Inverse Universe

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



634563



805280



635445



302C30



700070



F000F0

Previews

White Background



This preview shows how the Hex color 456363 looks on a white background.

Color Contrast Check

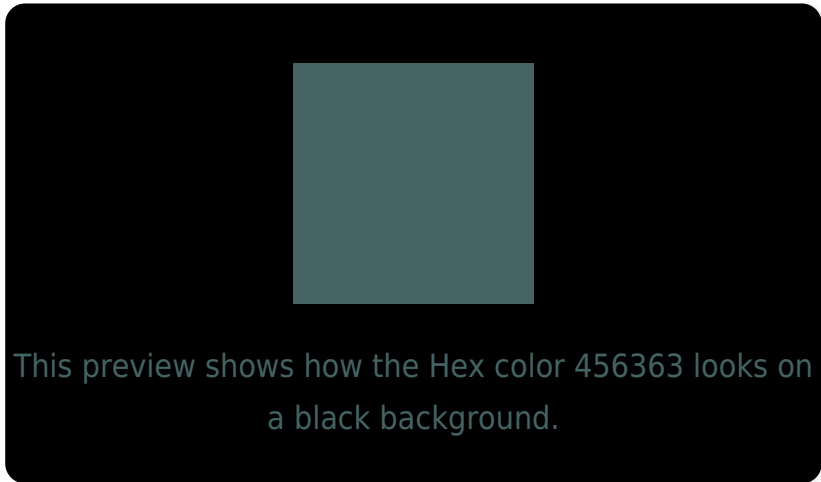
Large Text (above 18pt) WCAG AA ✓ Pass

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

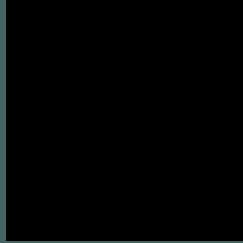
Any Text WCAG AA × Fail

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 456363 Background



This preview shows how black text looks on a background with the Hex color 456363.

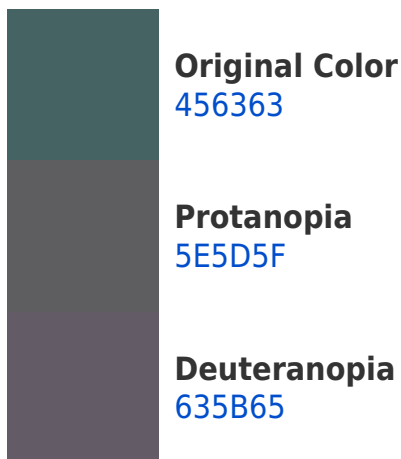



This preview shows how white text looks on a background with the Hex color 456363.

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
47626A

Trichromacy



Original Color

456363

Protanomaly

555F60

Deuteranomaly

585E64

Tritanomaly

466267

Monochromacy



Original Color

456363

Achromatopsia

5A5A5A

Achromatomaly

525D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 456363 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 #456363 looks like.

```
.text, #text, p{  
    color:#456363  
}
```

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 #456363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456363
}
```

Border

The CSS property to change the border of an element to Hex 456363 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
#456363 }
```

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

```
.border{ border-color:#456363 }
```

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

Here you see how a box with a 4 pixel #456363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456363; -webkit-box-shadow:4px 4px  
4px 4px #456363; box-shadow:4px 4px 4px  
4px #456363 }
```

Background

The CSS property to change the background color of an element to Hex 456363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456363 }
```

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

```
.background{ background-color:#456363 }
```

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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