

Converting Colors

Hex(56506D)

Have a look what the booklet for
Hex(56506D) contains.

Hex(56506D)	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(56506D)

Conversions

Conversions Part 1

Format	Color
Hex	56506D
RGB	86, 80, 109
RGB Percent	34%, 31%, 43%
CMY	0.6627, 0.6863, 0.5725
CMYK	0.21, 0.27, 0.00, 0.57
HSL	252°, 15%, 37%
HSV	252°, 27%, 43%
XYZ	9.4667, 8.8199, 15.6715
YIQ	85.1000, -5.7330, 10.2910

Conversions

Conversions Part 2

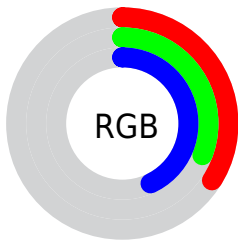
Format	Color
R_{YB}	86, 80, 109
Decimal	5656685
CIE Lab	35.64, 9.20, -15.79
CIE LCh	36, 18.274, 300.245
Yxy	8.8199, 0.2788, 0.2597
Android (android.graphics.Color)	4283846765 (0xFF56506D)
YUV	85.1000, 11.7827, 0.7893
Hunter-Lab	29.6983, 4.9273, -10.4979

Details

The Hex color **56506D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **676D50**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8881A1**, and **28243D** is the 20% darker color. If you saturate the color by 10%, you get **4D456D**, and if you desaturate by 10%, it is **5F5B6D**.

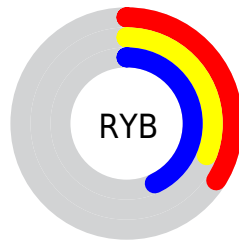
Distribution



Red (34%)

Green (31%)

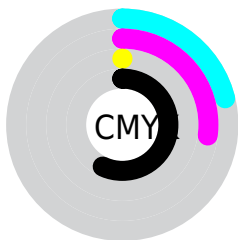
Blue (43%)



Red (34%)

Yellow (31%)

Blue (43%)

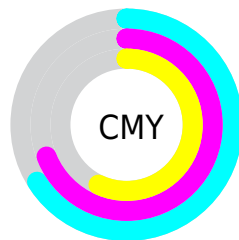


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (57%)



Cyan (66%)

Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56506D 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 56506D by changing the saturation by 10% instead.

■ 56506D

■ 56506D

FFFFFF

■ 3E3955

■ 8881A1

■ 28243D

■ A39BBC

■ 140F27

■ BEB6D7

■ 000112

■ DAD2F4

■ 000000

■ F6EEFF

■ 56506D

■ 56506D

■ 4D456D

■ 5F5B6D

■ 453A6D

■ 67666D

■ 3C2F6D

■ 70716D

■ 33246D

■ 797C6D

■ 2B1A6D

■ 81876D

■ 220F6D

■ 8A916D

■ 19046D

■ 939C6D

■ 17006D

■ 9BA76D

■ A4B26D

Harmonies

Analogous

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



415571



56506D



674B63

Triad

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



56506D



6A4E3B



2D5C53

Complementary

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



56506D



676D50

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.



3D5A45



56506D



5E5337

Square

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



56506D



704A46



4E573A



245B62

Rectangle

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



56506D



6E4959



4E573A



325C4E

Sweetspot

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



56506D



86838F



50676D



424047



C7C7C7



474747

Same Dimension

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



56506D



6B618F



64506D



313036



180075



3300F5

Inverse Universe

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



6D5067



8F6185



596D50



363034



75005D



F500C2

Previews

White Background



This preview shows how the Hex color 56506D looks on a white background.

Color Contrast Check

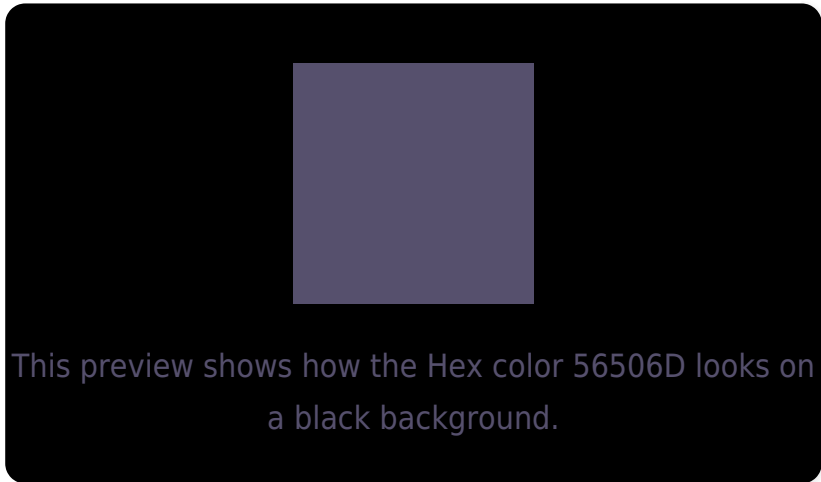
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

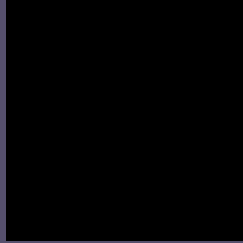
Any Text WCAG AA × Fail

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 56506D Background



This preview shows how black text looks on a background with the Hex color 56506D.

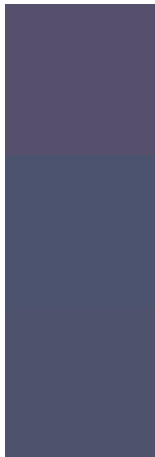


This preview shows how white text looks on a background with the Hex color 56506D.

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
56506D

Protanopia
4C536F

Deuteranopia
4F526D



Tritanopia
53545A

Trichromacy



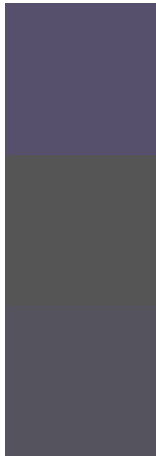
Original Color
56506D

Protanomaly
50526E

Deuteranomaly
52516D

Tritanomaly
545361

Monochromacy



Original Color
56506D

Achromatopsia
555555

Achromatomaly
55535E

CSS Examples

Text

The CSS property to change the color of the text to Hex 56506D 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 #56506D looks like.

```
.text, #text, p{  
    color:#56506D  
}
```

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 #56506D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56506D
}
```

Border

The CSS property to change the border of an element to Hex 56506D 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
#56506D }
```

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

```
.border{ border-color:#56506D }
```

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

Here you see how a box with a 4 pixel #56506D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56506D; -webkit-box-shadow:4px 4px  
4px 4px #56506D; box-shadow:4px 4px 4px  
4px #56506D }
```

Background

The CSS property to change the background color of an element to Hex 56506D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56506D }
```

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

```
.background{ background-color:#56506D }
```

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