

Converting Colors

Hex(56486D)

Have a look what the booklet for
Hex(56486D) contains.

| | |
|--|----|
| Hex(56486D) | 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(56486D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 56486D |
| RGB | 86, 72, 109 |
| RGB Percent | 34%, 28%, 43% |
| CMY | 0.6627, 0.7176, 0.5725 |
| CMYK | 0.21, 0.34, 0.00, 0.57 |
| HSL | 263°, 20%, 35% |
| HSV | 263°, 34%, 43% |
| XYZ | 8.9154, 7.7173, 15.4877 |
| YIQ | 80.4040, -3.5330, 14.4750 |

Conversions

Conversions Part 2

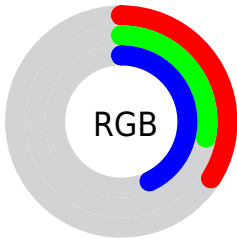
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 86, 72, 109 |
| Decimal | 5654637 |
| CIE _{Lab} | 33.39, 14.31, -19.25 |
| CIE _{LCh} | 33, 23.984, 306.616 |
| Yxy | 7.7173, 0.2776, 0.2403 |
| Android (android.graphics.Color) | 4283844717 (0xFF56486D) |
| YUV | 80.4040, 14.0978, 4.9077 |
| Hunter-Lab | 27.7800, 8.6710, -13.6089 |

Details

The Hex color **56486D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F6D48**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8879A1**, and **281C3D** is the 20% darker color. If you saturate the color by 10%, you get **4F3D6D**, and if you desaturate by 10%, it is **5D536D**.

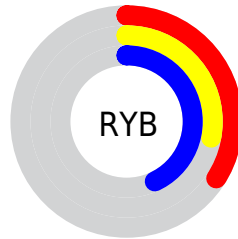
Distribution



Red (34%)

Green (28%)

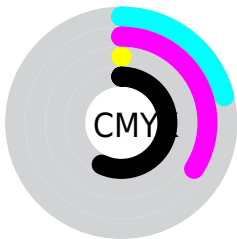
Blue (43%)



Red (34%)

Yellow (28%)

Blue (43%)

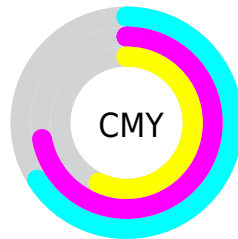


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (57%)



Cyan (66%)

Magenta (72%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56486D 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 56486D by changing the saturation by 10% instead.

■ 56486D

■ 56486D

FFFFFF

■ 3E3155

■ 8879A1

■ 281C3D

■ A392BC

■ 140327

■ BEADD8

■ 000111

■ DAC8F4

■ 000000

■ F7E4FF

■ 56486D

■ 56486D

■ 4F3D6D

■ 5D536D

■ 48326D

■ 645E6D

42276D

6A696D

3B1C6D

71746D

34116D

787F6D

2D076D

7F896D

29006D

85946D

8C9F6D

93AA6D

Harmonies

Analogous

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



394F74



56486D



6A425E

Triad

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



56486D



67482C



065952

Complementary

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



56486D



5F6D48

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.



2A573F



56486D



574F28

Square

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



56486D



714239



42542F



005865

Rectangle

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



56486D



714051



42542F



15584C

Sweetspot

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



56486D



86818F



485F6D



423F47



C7C7C7



474747

Same Dimension

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



56486D



6A548F



68486D



323036



2C0075



5D00F5

Inverse Universe

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



6D485F



8F5479



4D6D48



363034



750049



F50098

Previews

White Background



This preview shows how the Hex color 56486D looks on a white background.

Color Contrast Check

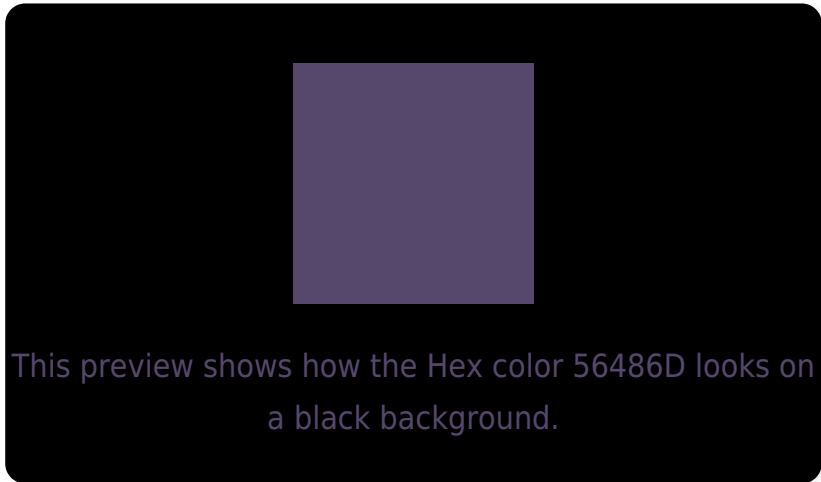
Large Text (above 18pt) WCAG AA ✓ Pass

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

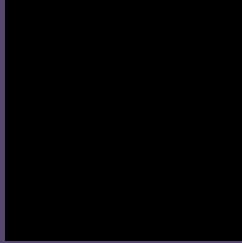
Any Text WCAG AA × Fail

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 56486D Background



This preview shows how black text looks on a background with the Hex color 56486D.

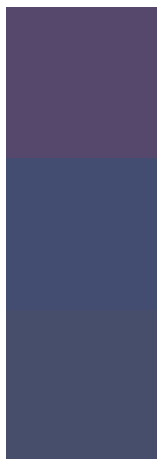


This preview shows how white text looks on a background with the Hex color 56486D.

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
56486D

Protanopia
434D71

Deuteranopia
464E6C



Tritanopia
514D53

Trichromacy



Original Color
56486D

Protanomaly
4A4B70

Deuteranomaly
4C4C6C

Tritanomaly
534B5C

Monochromacy



Original Color
56486D

Achromatopsia
505050

Achromatomaly
524D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 56486D 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 #56486D looks like.

```
.text, #text, p{  
    color:#56486D  
}
```

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 #56486D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56486D
}
```

Border

The CSS property to change the border of an element to Hex 56486D 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".

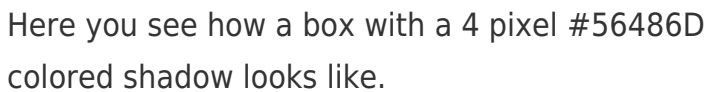
```
.border, #border, table{ border:4px solid
#56486D }
```

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

```
.border{ border-color:#56486D }
```

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

Here you see how a box with a 4 pixel #56486D colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56486D; -webkit-box-shadow:4px 4px  
4px 4px #56486D; box-shadow:4px 4px 4px  
4px #56486D }
```

Background

The CSS property to change the background color of an element to Hex 56486D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56486D }
```

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

```
.background{ background-color:#56486D }
```

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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