

Converting Colors

Hex(50556B)

Have a look what the booklet for
Hex(50556B) contains.

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Color

Hex(50556B)

Conversions

Conversions Part 1

Format	Color
Hex	50556B
RGB	80, 85, 107
RGB Percent	31%, 33%, 42%
CMY	0.6863, 0.6667, 0.5804
CMYK	0.25, 0.21, 0.00, 0.58
HSL	229°, 14%, 37%
HSV	229°, 25%, 42%
XYZ	9.2106, 9.2640, 15.2126
YIQ	86.0130, -10.0420, 5.7820

Conversions

Conversions Part 2

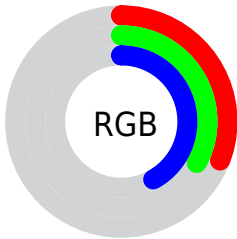
Format	Color
R_{YB}	80, 84, 107
Decimal	5264747
CIE _{Lab}	36.49, 3.42, -13.28
CIE _{LCh}	36, 13.717, 284.440
Yxy	9.2640, 0.2734, 0.2750
Android (android.graphics.Color)	4283454827 (0xFF50556B)
YUV	86.0130, 10.3466, -5.2734
Hunter-Lab	30.4368, 0.7521, -8.3279

Details

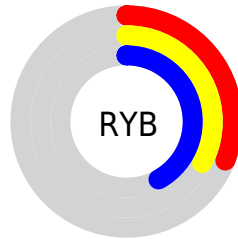
The Hex color **50556B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6650**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **82879E**, and **22283C** is the 20% darker color. If you saturate the color by 10%, you get **454C6B**, and if you desaturate by 10%, it is **5B5E6B**.

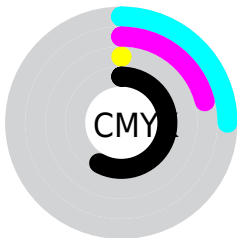
Distribution



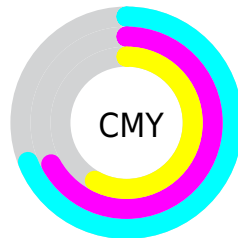
- Red (31%)
- Green (33%)
- Blue (42%)



- Red (31%)
- Yellow (33%)
- Blue (42%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50556B 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 50556B by changing the saturation by 10% instead.

■ 50556B

■ 50556B

FFFFFF

■ 393E53

■ 82879E

■ 22283C

■ 9CA1B9

■ 0E1426

■ B7BCD5

■ 000110

■ D3D7F1

■ 000000

■ EFF4FF

■ 50556B

■ 50556B

■ 454C6B

■ 5B5E6B

■ 3B446B

■ 65666B

■ 303B6B

■ 706F6B

■ 25326B

■ 7B786B

■ 1A296B

■ 86816B

■ 10216B

■ 90896B

■ 05186B

■ 9B926B

■ 00146B

■ A69B6B

■ B0A36B

Harmonies

Analogous

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



41596B



50556B



5E5166

Triad

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



50556B



6B5047



405C50

Complementary

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



50556B



6B6650

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.



4C5A46



50556B



635341

Square

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



50556B



6C4E51



595740



385C5B

Rectangle

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



50556B



664F60



595740



445B4C

Sweetspot

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



50556B



81838C



506B66



404247



C7C7C7



474747

Same Dimension

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



50556B



626A8C



58506B



303136



001675



002DF5

Inverse Universe

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



6B5055



8C626A



636B50



363031



750016



F5002D

Previews

White Background



This preview shows how the Hex color 50556B looks on a white background.

Color Contrast Check

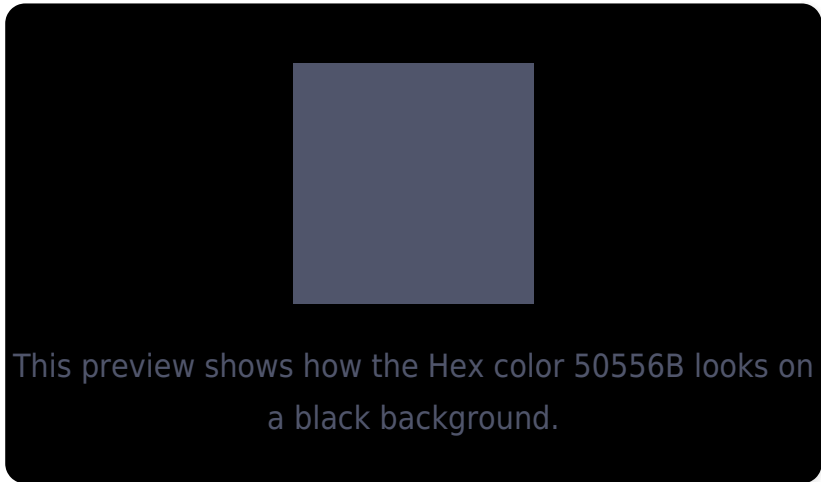
Large Text (above 18pt) WCAG AA ✓ Pass

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

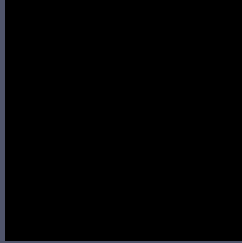
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

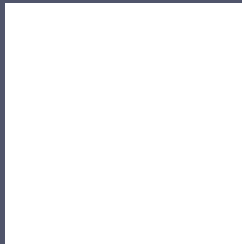
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 50556B Background



This preview shows how black text looks on a background with the Hex color 50556B.

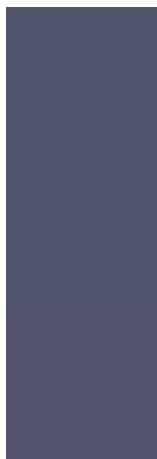


This preview shows how white text looks on a background with the Hex color 50556B.

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
50556B

Protanopia
50556B

Deuteranopia
53546B



Tritanopia
4D575E

Trichromacy



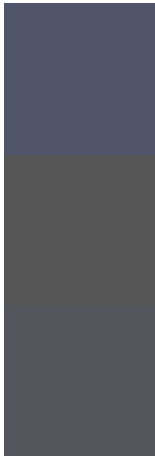
Original Color
50556B

Protanomaly
50556B

Deuteranomaly
52546B

Tritanomaly
4E5663

Monochromacy



Original Color
50556B

Achromatopsia
565656

Achromatomaly
54565E

CSS Examples

Text

The CSS property to change the color of the text to Hex 50556B 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 #50556B looks like.

```
.text, #text, p{  
    color:#50556B  
}
```

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 #50556B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50556B
}
```

Border

The CSS property to change the border of an element to Hex 50556B 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
#50556B }
```

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

```
.border{ border-color:#50556B }
```

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

Here you see how a box with a 4 pixel #50556B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50556B; -webkit-box-shadow:4px 4px  
4px 4px #50556B; box-shadow:4px 4px 4px  
4px #50556B }
```

Background

The CSS property to change the background color of an element to Hex 50556B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50556B }
```

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

```
.background{ background-color:#50556B }
```

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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