

Converting Colors

Hex(56496A)

Have a look what the booklet for
Hex(56496A) contains.

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Color

Hex(56496A)

Conversions

Conversions Part 1

Format	Color
Hex	56496A
RGB	86, 73, 106
RGB Percent	34%, 29%, 42%
CMY	0.6627, 0.7137, 0.5843
CMYK	0.19, 0.31, 0.00, 0.58
HSL	264°, 18%, 35%
HSV	264°, 31%, 42%
XYZ	8.8218, 7.7841, 14.6732
YIQ	80.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

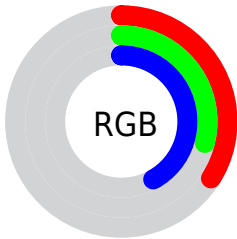
Format	Color
R_{YB}	86, 73, 106
Decimal	5654890
CIE _{Lab}	33.53, 12.89, -17.14
CIE _{LCh}	34, 21.451, 306.950
Y _{xy}	7.7841, 0.2820, 0.2489
Android (android.graphics.Color)	4283844970 (0xFF56496A)
YUV	80.6490, 12.4980, 4.6928
Hunter-Lab	27.9001, 7.6154, -11.6518

Details

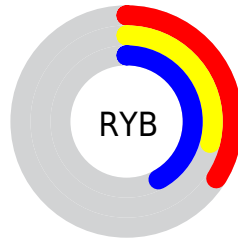
The Hex color **56496A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5D6A49**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **887A9D**, and **281D3B** is the 20% darker color. If you saturate the color by 10%, you get **503E6A**, and if you desaturate by 10%, it is **5C546A**.

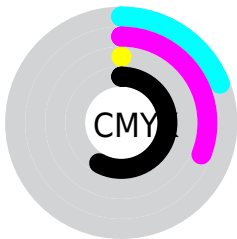
Distribution



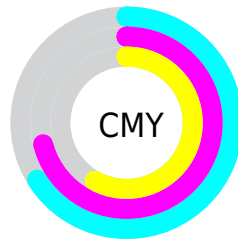
- Red (34%)
- Green (29%)
- Blue (42%)



- Red (34%)
- Yellow (29%)
- Blue (42%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (58%)



- Cyan (66%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56496A 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 56496A by changing the saturation by 10% instead.



56496A



56496A

FFFFFF



3E3252



887A9D



281D3B



A393B8



150525



BEAED4



00010E



DAC9F0



000000



F6E6FF



56496A



56496A



503E6A



5C546A



49346A



635E6A

43296A

69696A

3C1F6A

70736A

36146A

767E6A

2F096A

7D896A

2A006A

83936A

899E6A

90A86A

Harmonies

Analogous

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



3D4F70



56496A



67445C

Triad

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



56496A



654930



185852

Complementary

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



56496A



5D6A49

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.



2F5741



56496A



564F2D

Square

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



56496A



6E443B



445433



085763

Rectangle

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



56496A



6E4251



445433



20584C

Sweetspot

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



56496A



827D8A



495D6A



403D45



C4C4C4



454545

Same Dimension

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



56496A



6B578A



66496A



323036



2E0075



6000F5

Inverse Universe

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



6A495D



8A5776



4D6A49



363033



750047



F50094

Previews

White Background



This preview shows how the Hex color 56496A looks on a white background.

Color Contrast Check

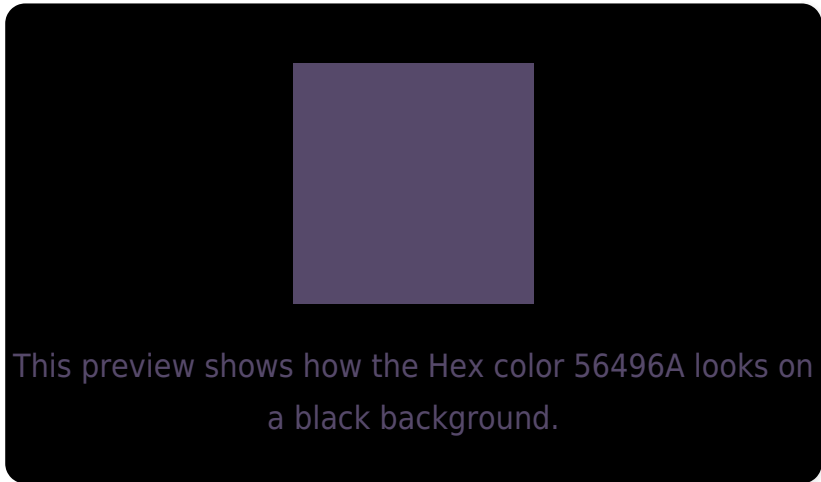
Large Text (above 18pt) WCAG AA ✓ Pass

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

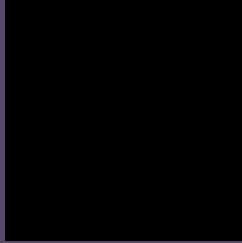
Any Text WCAG AA × Fail

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 56496A Background



This preview shows how black text looks on a background with the Hex color 56496A.



This preview shows how white text looks on a background with the Hex color 56496A.

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
56496A

Protanopia
454E6E

Deuteranopia
484E69



Tritanopia
524D53

Trichromacy



Original Color
56496A

Protanomaly
4B4C6D

Deuteranomaly
4D4C69

Tritanomaly
534C5B

Monochromacy



Original Color
56496A

Achromatopsia
515151

Achromatomaly
534E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 56496A 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 #56496A looks like.

```
.text, #text, p{  
    color:#56496A  
}
```

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 #56496A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56496A
}
```

Border

The CSS property to change the border of an element to Hex 56496A is called "border". The border property can be set on classes, ids or directly on the HTML element.

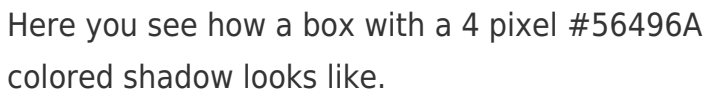
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56496A }
```

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

```
.border{ border-color:#56496A }
```

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



Here you see how a box with a 4 pixel #56496A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56496A; -webkit-box-shadow:4px 4px  
4px 4px #56496A; box-shadow:4px 4px 4px  
4px #56496A }
```

Background

The CSS property to change the background color of an element to Hex 56496A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56496A }
```

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

```
.background{ background-color:#56496A }
```

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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