

Converting Colors

Hex(60496B)

Have a look what the booklet for
Hex(60496B) contains.

Hex(60496B)	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(60496B)

Conversions

Conversions Part 1

Format	Color
Hex	60496B
RGB	96, 73, 107
RGB Percent	38%, 29%, 42%
CMY	0.6235, 0.7137, 0.5804
CMYK	0.10, 0.32, 0.00, 0.58
HSL	281°, 19%, 35%
HSV	281°, 32%, 42%
XYZ	9.8603, 8.3134, 14.9949
YIQ	83.7530, 2.7940, 15.4500

Conversions

Conversions Part 2

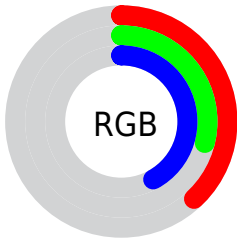
Format	Color
R_{YB}	96, 73, 107
Decimal	6310251
CIE _{Lab}	34.63, 16.72, -15.99
CIE _{LCh}	35, 23.135, 316.267
Yxy	8.3134, 0.2973, 0.2506
Android (android.graphics.Color)	4284500331 (0xFF60496B)
YUV	83.7530, 11.4608, 10.7406
Hunter-Lab	28.8330, 10.5853, -10.6512

Details

The Hex color **60496B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **546B49**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **937A9E**, and **311D3C** is the 20% darker color. If you saturate the color by 10%, you get **5D3E6B**, and if you desaturate by 10%, it is **63546B**.

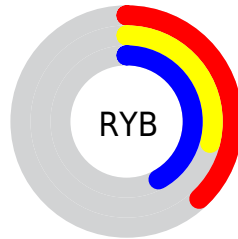
Distribution



Red (38%)

Green (29%)

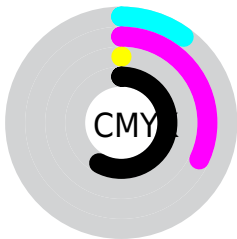
Blue (42%)



Red (38%)

Yellow (29%)

Blue (42%)

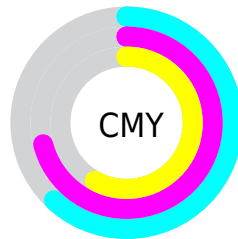


Cyan (10%)

Magenta (32%)

Yellow (0%)

Black (58%)



Cyan (62%)

Magenta (71%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60496B 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 60496B by changing the saturation by 10% instead.

60496B

60496B

FFFFFF

483253

937A9E

311D3C

AE94B9

1C0626

C9AED5

00010F

E5CAF2

000000

FFE6FF

60496B

60496B

5D3E6B

63546B

59346B

675E6B

56296B

6A696B

521E6B

6E746B

4F136B

717F6B

4B096B

75896B

48006B

78946B

7C9F6B

7FA96B

Harmonies

Analogous

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



475075



60496B



70445B

Triad

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



60496B



654D2E



065B5B

Complementary

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



60496B



546B49

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.



275B48



60496B



53532D

Square

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



60496B



714738



3F5837



005A6B

Rectangle

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



60496B



75434E



3F5837



135B55

Sweetspot

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



60496B



887E8C



49546B



453F47



C7C7C7



474747

Same Dimension

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



60496B



7B578C



6B4965



343036



4F0075



A600F5

Inverse Universe

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



6B4954



8C5768



496B4F



363032



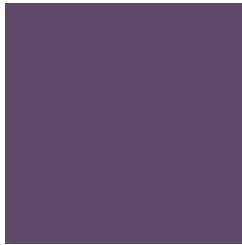
750026



F5004F

Previews

White Background



This preview shows how the Hex color 60496B looks on a white background.

Color Contrast Check

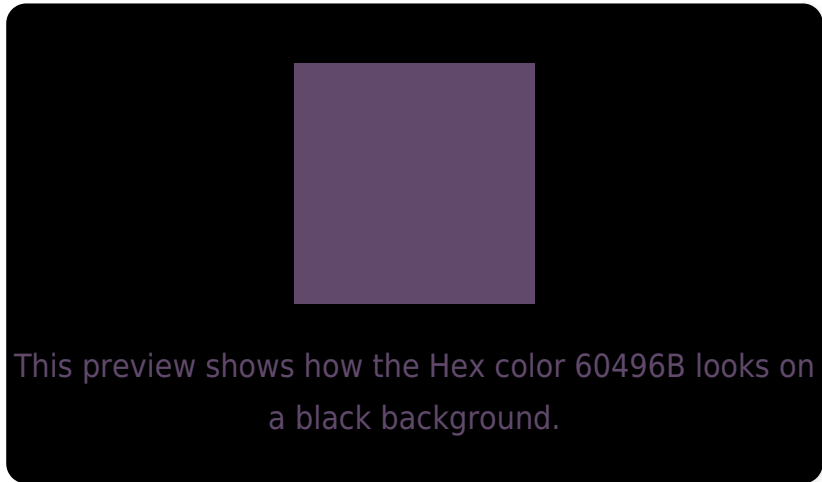
Large Text (above 18pt) WCAG AA ✓ Pass

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

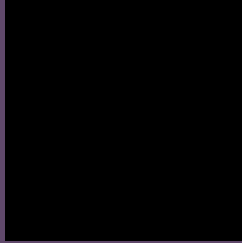
Any Text WCAG AA × Fail

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 60496B Background



This preview shows how black text looks on a background with the Hex color 60496B.

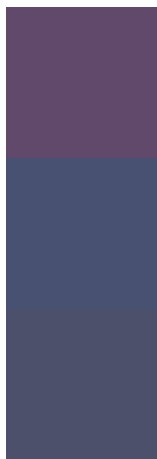


This preview shows how white text looks on a background with the Hex color 60496B.

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
60496B

Protanopia
485171

Deuteranopia
4D506A



Tritanopia
5C4E54

Trichromacy



Original Color
60496B

Protanomaly
514E6F

Deuteranomaly
544D6A

Tritanomaly
5D4C5C

Monochromacy



Original Color
60496B

Achromatopsia
545454

Achromatomaly
58505C

CSS Examples

Text

The CSS property to change the color of the text to Hex 60496B 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 #60496B looks like.

```
.text, #text, p{  
    color:#60496B  
}
```

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 #60496B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60496B
}
```

Border

The CSS property to change the border of an element to Hex 60496B is called "border". The border property can be set on classes, ids or directly on the HTML element.

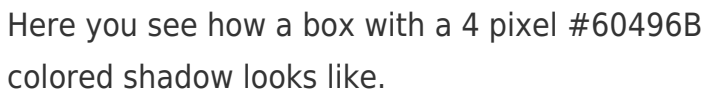
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60496B }
```

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

```
.border{ border-color:#60496B }
```

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



Here you see how a box with a 4 pixel #60496B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60496B; -webkit-box-shadow:4px 4px  
4px 4px #60496B; box-shadow:4px 4px 4px  
4px #60496B }
```

Background

The CSS property to change the background color of an element to Hex 60496B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60496B }
```

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

```
.background{ background-color:#60496B }
```

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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