

Converting Colors

Hex(20496B)

Have a look what the booklet for
Hex(20496B) contains.

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Color

Hex(20496B)

Conversions

Conversions Part 1

Format	Color
Hex	20496B
RGB	32, 73, 107
RGB Percent	13%, 29%, 42%
CMY	0.8745, 0.7137, 0.5804
CMYK	0.70, 0.32, 0.00, 0.58
HSL	207°, 54%, 27%
HSV	207°, 70%, 42%
XYZ	5.6320, 6.1337, 14.7970
YIQ	64.6170, -35.3500, 1.8820

Conversions

Conversions Part 2

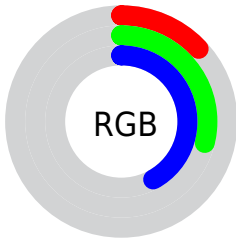
Format	Color
RYB	32, 59, 107
Decimal	2115947
CIELab	29.75, -2.26, -23.95
CIELCh	30, 24.057, 264.618
Yxy	6.1337, 0.2120, 0.2309
Android (android.graphics.Color)	4280306027 (0xFF20496B)
YUV	64.6170, 20.8948, -28.6051
Hunter-Lab	24.7663, -2.7488, -18.0873




Details

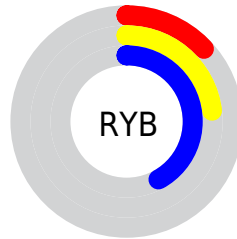
The Hex color **20496B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6B4220**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **56799F**, and **001E3B** is the 20% darker color. If you saturate the color by 10%, you get **15446B**, and if you desaturate by 10%, it is **2B4E6B**.

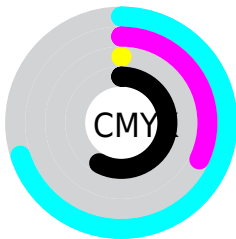
Distribution







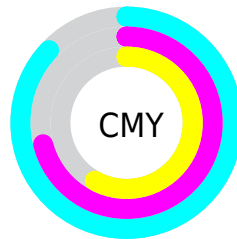
-  Red (13%)
-  Green (29%)
-  Blue (42%)






-  Red (13%)
-  Yellow (23%)
-  Blue (42%)



-  Cyan (70%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (87%)
-  Magenta (71%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20496B 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 20496B by changing the saturation by 10% instead.

■ 20496B

■ 20496B

FFFFFF

■ 003353

■ 56799F

■ 001E3B

■ 7093BA

■ 000226

■ 8BAED5

■ 00010F

■ A6C9F2

■ 000000

■ C2E5FF

■ DEFFFF

■ FFFFFFFF

■ 20496B

■ 20496B

■ 15446B

■ 2B4E6B

■ 0B3F6B

■ 35536B

■ 003A6B

■ 40586B

■ 4B5C6B

■ 56616B

■ 60666B

■ 6B6B6B

■ 76706B

■ 80756B

Harmonies

Analogous

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



004D64



20496B



434268

Triad

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



20496B



693838



2C4E30

Complementary

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



20496B



6B4220

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.



424A23



20496B



623D28

Square

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



20496B



67374A



554420



0B5042

Rectangle

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



20496B



533E61



554420



344C2B

Sweetspot

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



20496B



6F7F8C



206B42



363F47



C7C7C7



474747

Same Dimension

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



20496B



16578C



20246B



303336



004075



0086F5

Inverse Universe

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



6B2049



8C1657



6B6720



363033



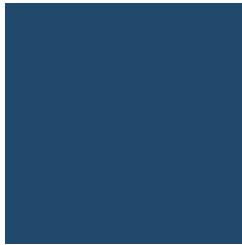
750040



F50086

Previews

White Background



This preview shows how the Hex color 20496B looks on a white background.

Color Contrast Check

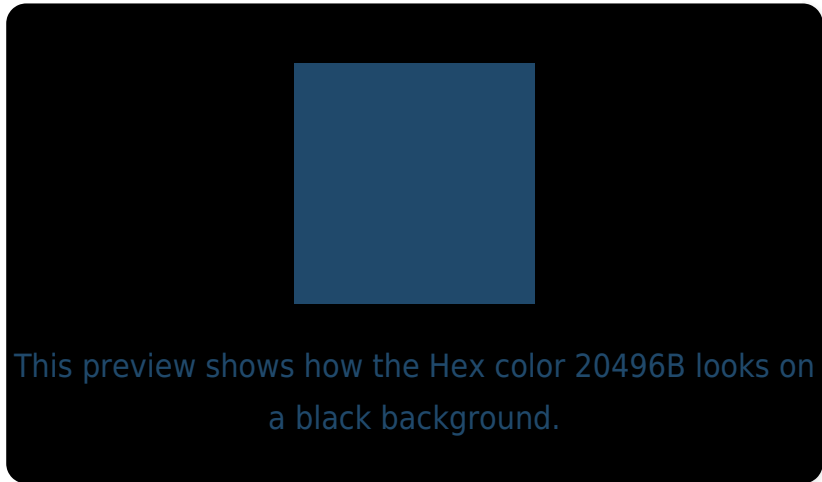
Large Text (above 18pt) WCAG AA ✓ Pass

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

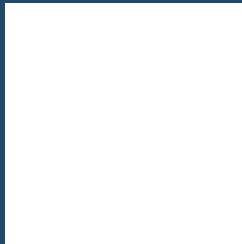
Any Text WCAG AAA × Fail

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

Hex 20496B Background



This preview shows how black text looks on a background with the Hex color 20496B.

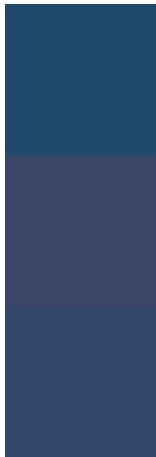


This preview shows how white text looks on a background with the Hex color 20496B.

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
20496B

Protanopia
3A4567

Deuteranopia
33466C



Tritanopia
0D4E54

Trichromacy



Original Color
20496B

Protanomaly
314668

Deuteranomaly
2C476C

Tritanomaly
144C5C

Monochromacy



Original Color
20496B

Achromatopsia
414141

Achromatomaly
354450

CSS Examples

Text

The CSS property to change the color of the text to Hex 20496B 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 #20496B looks like.

```
.text, #text, p{  
    color:#20496B  
}
```

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 #20496B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20496B
}
```

Border

The CSS property to change the border of an element to Hex 20496B 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
#20496B }
```

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

```
.border{ border-color:#20496B }
```

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

Here you see how a box with a 4 pixel #20496B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20496B; -webkit-box-shadow:4px 4px  
4px 4px #20496B; box-shadow:4px 4px 4px  
4px #20496B }
```

Background

The CSS property to change the background color of an element to Hex 20496B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20496B }
```

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

```
.background{ background-color:#20496B }
```

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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