

Converting Colors

Hex(21416A)

Have a look what the booklet for
Hex(21416A) contains.

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Color

Hex(21416A)

Conversions

Conversions Part 1

Format	Color
Hex	21416A
RGB	33, 65, 106
RGB Percent	13%, 25%, 42%
CMY	0.8706, 0.7451, 0.5843
CMYK	0.69, 0.39, 0.00, 0.58
HSL	214°, 53%, 27%
HSV	214°, 69%, 42%
XYZ	5.1190, 5.1445, 14.3589
YIQ	60.1060, -32.2330, 5.9670

Conversions

Conversions Part 2

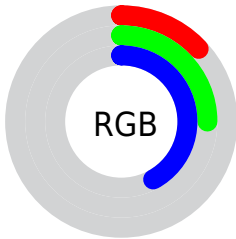
Format	Color
R_{YB}	33, 55, 106
Decimal	2179434
CIE _{Lab}	27.14, 2.86, -27.42
CIE _{LCh}	27, 27.566, 275.960
Yxy	5.1445, 0.2079, 0.2089
Android (android.graphics.Color)	4280369514 (0xFF21416A)
YUV	60.1060, 22.6257, -23.7720
Hunter-Lab	22.6816, 0.5930, -21.6572

Details

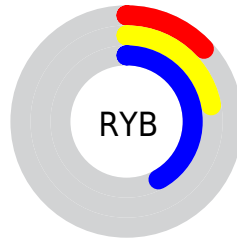
The Hex color **21416A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6A4A21**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **56709E**, and **00173A** is the 20% darker color. If you saturate the color by 10%, you get **163B6A**, and if you desaturate by 10%, it is **2C476A**.

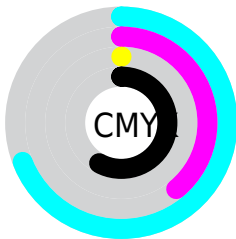
Distribution



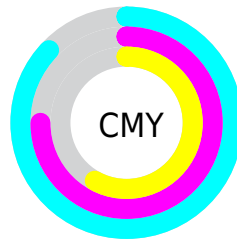
- Red (13%)
- Green (25%)
- Blue (42%)



- Red (13%)
- Yellow (22%)
- Blue (42%)



- Cyan (69%)
- Magenta (39%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21416A 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 21416A by changing the saturation by 10% instead.

■ 21416A

■ 21416A

FFFFFF

■ 002B52

■ 56709E

■ 00173A

■ 708AB9

■ 000224

■ 8BA4D4

■ 00010D

■ A6BFF1

■ 000000

■ C2DBFF

■ DFF7FF

■ FCF7FF

■ 21416A

■ 21416A

■ 163B6A

■ 2C476A

■ 0C356A

■ 364D6A

■ 012F6A

■ 41536A

■ 002E6A

■ 4B596A

■ 565F6A

■ 61656A

■ 6B6B6A

■ 76716A

■ 80776A

Harmonies

Analogous

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



004766



21416A



473962

Triad

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



21416A



653128



12492E

Complementary

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



21416A



6A4A21

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.



32461C



21416A



5A3919

Square

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



21416A



672E3D



484014



004B44

Rectangle

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



21416A



573358



484014



1F4828

Sweetspot

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



21416A



6D798A



216A49



343B45



C4C4C4



454545

Same Dimension

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



21416A



174A8A



25216A



303336



003375



006BF5

Inverse Universe

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



6A2141



8A174A



666A21



363033



750033



F5006B

Previews

White Background



This preview shows how the Hex color 21416A looks on a white background.

Color Contrast Check

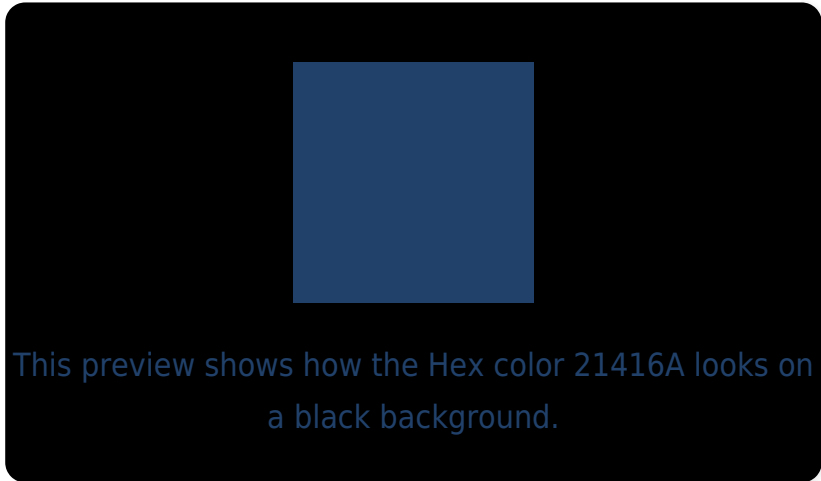
Large Text (above 18pt) WCAG AA ✓ Pass

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

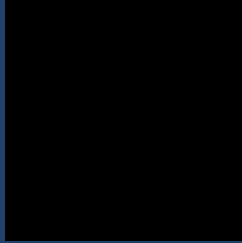
Any Text WCAG AA × Fail

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 21416A Background



This preview shows how black text looks on a background with the Hex color 21416A.



This preview shows how white text looks on a background with the Hex color 21416A.

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
21416A

Protanopia
303F68

Deuteranopia
24406A

Trichromacy



Original Color
21416A

Protanomaly
2B4069

Deuteranomaly
23406A

Tritanomaly
104558

Monochromacy



Original Color
21416A

Achromatopsia
3C3C3C

Achromatomaly
323E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 21416A 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 #21416A looks like.

```
.text, #text, p{  
    color:#21416A  
}
```

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 #21416A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21416A
}
```

Border

The CSS property to change the border of an element to Hex 21416A 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
#21416A }
```

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

```
.border{ border-color:#21416A }
```

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

Here you see how a box with a 4 pixel #21416A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21416A; -webkit-box-shadow:4px 4px  
4px 4px #21416A; box-shadow:4px 4px 4px  
4px #21416A }
```

Background

The CSS property to change the background color of an element to Hex 21416A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21416A }
```

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

```
.background{ background-color:#21416A }
```

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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