

Converting Colors

Hex(21176A)

Have a look what the booklet for
Hex(21176A) contains.

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Color

Hex(21176A)

Conversions

Conversions Part 1

Format	Color
Hex	21176A
RGB	33, 23, 106
RGB Percent	13%, 9%, 42%
CMY	0.8706, 0.9098, 0.5843
CMYK	0.69, 0.78, 0.00, 0.58
HSL	247°, 64%, 25%
HSV	247°, 78%, 42%
XYZ	3.5351, 1.9767, 13.8309
YIQ	35.4520, -20.6830, 27.9330

Conversions

Conversions Part 2

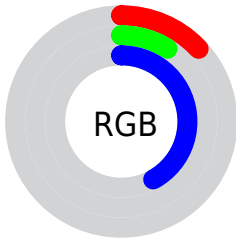
Format	Color
R _Y B	33, 23, 106
Decimal	2168682
CIE Lab	15.36, 31.71, -46.46
CIE LCh	15, 56.249, 304.313
Yxy	1.9767, 0.1828, 0.1022
Android (android.graphics.Color)	4280358762 (0xFF21176A)
YUV	35.4520, 34.7802, -2.1504
Hunter-Lab	14.0596, 20.2772, -48.4837




Details

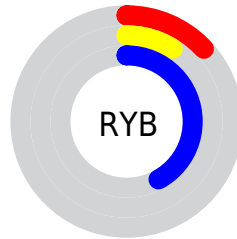
The Hex color **21176A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **606A17**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **59449E**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **180C6A**, and if you desaturate by 10%, it is **2A226A**.

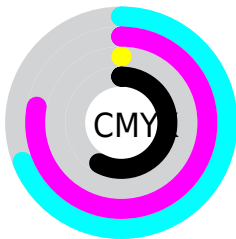
Distribution







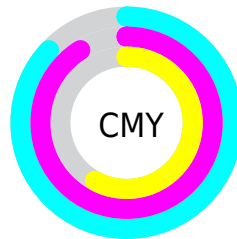
-  Red (13%)
-  Green (9%)
-  Blue (42%)






-  Red (13%)
-  Yellow (9%)
-  Blue (42%)



-  Cyan (69%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (87%)
-  Magenta (91%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21176A 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 21176A by changing the saturation by 10% instead.

■ 21176A

■ 21176A

■ FFFDFF

■ 000151

■ 59449E

■ 00003A

■ 745CBA

■ 000223

■ 8F75D6

■ 00000A

■ AB8EF2

■ 000000

■ C7A9FF

■ E4C4FF

■ FFE0FF

■ 21176A

■ 21176A

■ 180C6A

■ 2A226A

■ 0E026A

■ 342C6A

■ 0D006A

■ 3D376A

■ 46416A

■ 504C6A

■ 59576A

■ 62616A

■ 6C6C6A

■ 75766A

Harmonies

Analogous

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



002B78



21176A



57004A

Triad

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



21176A



4B1400



00352B

Complementary

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



21176A



606A17

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.



003300



21176A



2C2700

Square

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



21176A



600000



002F00



003553

Rectangle

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



21176A



640030



002F00



00351D

Sweetspot

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



21176A



6E6A8A



17606A



343245



C4C4C4



454545

Same Dimension

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



21176A



18088A



4A176A



313036



0E0075



1D00F5

Inverse Universe

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



6A1760



8A087A



376A17



363035



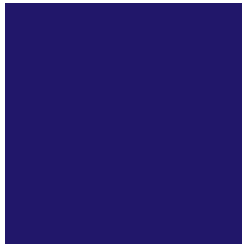
750067



F500D7

Previews

White Background



This preview shows how the Hex color 21176A looks on a white background.

Color Contrast Check

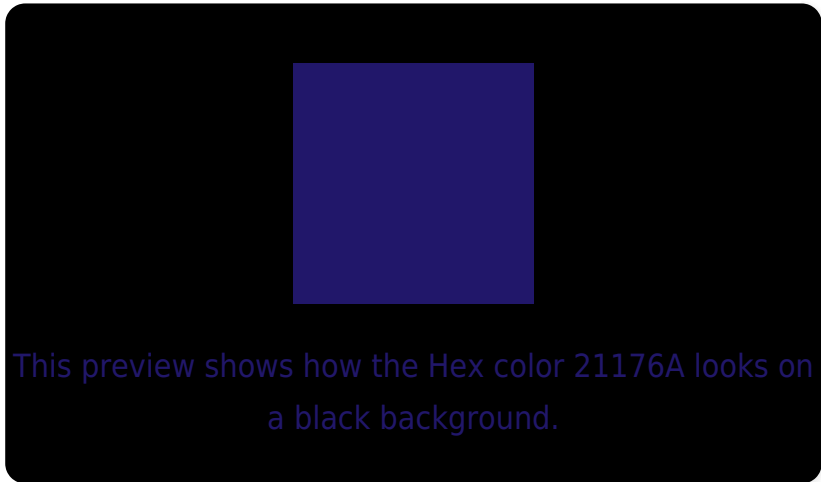
Large Text (above 18pt) WCAG AA ✓ Pass

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

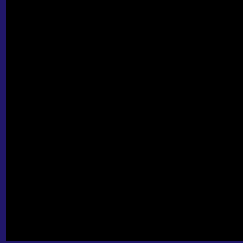
Any Text WCAG AA × Fail

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 21176A Background



This preview shows how black text looks on a background with the Hex color 21176A.



This preview shows how white text looks on a background with the Hex color 21176A.

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
21176A

Protanopia
002650

Deuteranopia
002944

Trichromacy



Original Color
21176A

Protanomaly
0C2159

Deuteranomaly
0C2252

Tritanomaly
0C2444

Monochromacy



Original Color
21176A

Achromatopsia
232323

Achromatomaly
221F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 21176A 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 #21176A looks like.

```
.text, #text, p{  
    color:#21176A  
}
```

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 #21176A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21176A
}
```

Border

The CSS property to change the border of an element to Hex 21176A 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
#21176A }
```

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

```
.border{ border-color:#21176A }
```

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

Here you see how a box with a 4 pixel #21176A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21176A; -webkit-box-shadow:4px 4px  
4px 4px #21176A; box-shadow:4px 4px 4px  
4px #21176A }
```

Background

The CSS property to change the background color of an element to Hex 21176A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21176A }
```

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

```
.background{ background-color:#21176A }
```

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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