

Converting Colors

Hex(18166F)

Have a look what the booklet for
Hex(18166F) contains.

Hex(18166F)	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(18166F)

Conversions

Conversions Part 1

Format	Color
Hex	18166F
RGB	24, 22, 111
RGB Percent	9%, 9%, 44%
CMY	0.9059, 0.9137, 0.5647
CMYK	0.78, 0.80, 0.00, 0.56
HSL	241°, 67%, 26%
HSV	241°, 80%, 44%
XYZ	3.5328, 1.9157, 15.2225
YIQ	32.7440, -27.3770, 28.1030

Conversions

Conversions Part 2

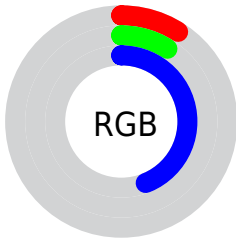
Format	Color
R_{YB}	24, 22, 111
Decimal	1578607
CIE Lab	15.04, 33.08, -50.29
CIE LCh	15, 60.191, 303.336
Yxy	1.9157, 0.1709, 0.0927
Android (android.graphics.Color)	4279768687 (0xFF18166F)
YUV	32.7440, 38.5802, -7.6685
Hunter-Lab	13.8409, 21.3399, -55.5197

Details

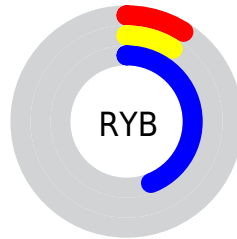
The Hex color **18166F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6D6F16**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5443A4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **0D0B6F**, and if you desaturate by 10%, it is **23216F**.

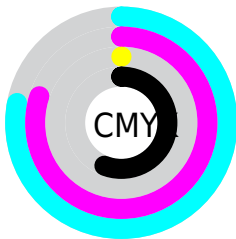
Distribution



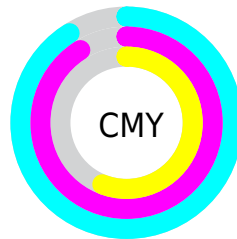
- Red (9%)
- Green (9%)
- Blue (44%)



- Red (9%)
- Yellow (9%)
- Blue (44%)



- Cyan (78%)
- Magenta (80%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18166F 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 18166F by changing the saturation by 10% instead.

■ 18166F

■ 18166F

■ FFFCFF

■ 000156

■ 5443A4

■ 00003E

■ 705ABF

■ 000327

■ 8B73DB

■ 000110

■ A78DF8

■ 000000

■ C4A8FF

■ E1C3FF

■ FEDFFF

■ 18166F

■ 18166F

■ 0D0B6F

■ 23216F

■ 02006F

■ 2E2C6F

■ 39376F

■ 43426F

■ 4E4E6F

■ 59596F

■ 64646F

■ 6F6F6F

■ 7A7A6F

Harmonies

Analogous

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



002C7E



18166F



58004D

Triad

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



18166F



4C1000



00352A

Complementary

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



18166F



6D6F16

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



18166F



2C2600

Square

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



18166F



630000



002F00



003554

Rectangle

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



18166F



660031



002F00



00351B

Sweetspot

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



18166F



6F6E91



166E6F



35354A



C9C9C9



4A4A4A

Same Dimension

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



18166F



090691



44166F



333238



030078



0600F7

Inverse Universe

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



6F166D



91068E



416F16



383238



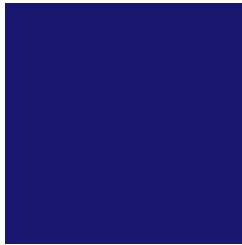
780075



F700F2

Previews

White Background



This preview shows how the Hex color 18166F looks on a white background.

Color Contrast Check

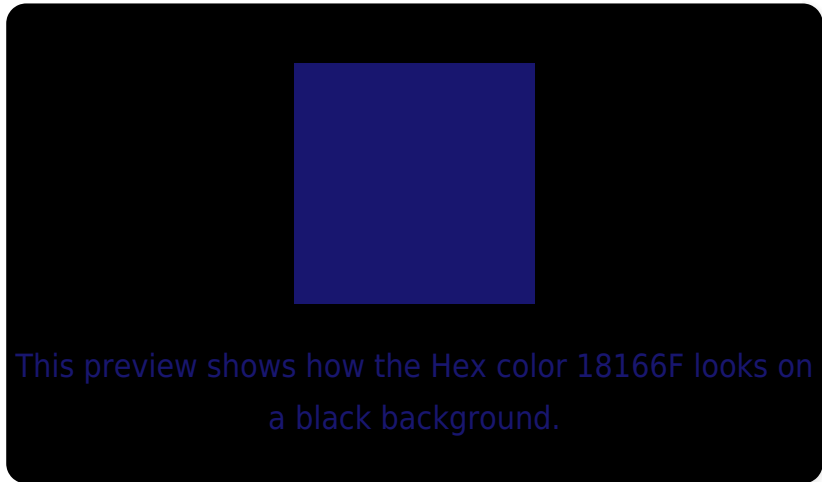
Large Text (above 18pt) WCAG AA ✓ Pass

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

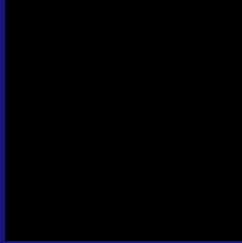
Any Text WCAG AA × Fail

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 18166F Background



This preview shows how black text looks on a background with the Hex color 18166F.



This preview shows how white text looks on a background with the Hex color 18166F.

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
18166F

Protanopia
00264F

Deuteranopia
002843



Tritanopia
002B2E

Trichromacy



Original Color
18166F

Protanomaly
09205B

Deuteranomaly
092153

Tritanomaly
092346

Monochromacy



Original Color
18166F

Achromatopsia
212121

Achromatomaly
1E1D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18166F 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 #18166F looks like.

```
.text, #text, p{  
    color:#18166F  
}
```

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 #18166F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18166F
}
```

Border

The CSS property to change the border of an element to Hex 18166F 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
#18166F }
```

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

```
.border{ border-color:#18166F }
```

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

Here you see how a box with a 4 pixel #18166F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18166F; -webkit-box-shadow:4px 4px  
4px 4px #18166F; box-shadow:4px 4px 4px  
4px #18166F }
```

Background

The CSS property to change the background color of an element to Hex 18166F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18166F }
```

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

```
.background{ background-color:#18166F }
```

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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