

Converting Colors

Hex(20066D)

Have a look what the booklet for
Hex(20066D) contains.

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Color

Hex(20066D)

Conversions

Conversions Part 1

Format	Color
Hex	20066D
RGB	32, 6, 109
RGB Percent	13%, 2%, 43%
CMY	0.8745, 0.9765, 0.5725
CMYK	0.71, 0.94, 0.00, 0.57
HSL	255°, 90%, 23%
HSV	255°, 94%, 43%
XYZ	3.4211, 1.5415, 14.5852
YIQ	25.5160, -17.5670, 37.5450

Conversions

Conversions Part 2

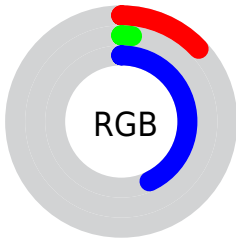
Format	Color
RYB	32, 6, 109
Decimal	2098797
CIELab	12.87, 40.65, -52.56
CIELCh	13, 66.444, 307.720
Yxy	1.5415, 0.1750, 0.0789
Android (android.graphics.Color)	4280288877 (0xFF20066D)
YUV	25.5160, 41.1576, 5.6865
Hunter-Lab	12.4155, 27.4586, -60.9604




Details

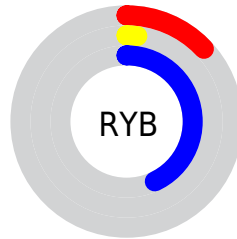
The Hex color **20066D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **536D06**, and the grayscale version is **191919**.




A 20% lighter version of the original color is **5A37A2**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **1C006D**, and if you desaturate by 10%, it is **28116D**.

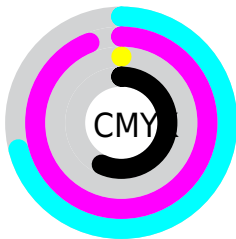
Distribution







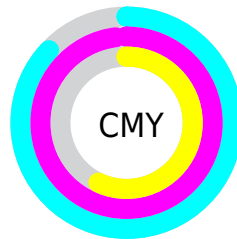
-  Red (13%)
-  Green (2%)
-  Blue (43%)






-  Red (13%)
-  Yellow (2%)
-  Blue (43%)



-  Cyan (71%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (87%)
-  Magenta (98%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20066D 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 20066D by changing the saturation by 10% instead.

 20066D

 20066D

 FFF0FF

 000054

 5A37A2

 00003C

 764FBD

 000225

 9168D9

 00010E

 AE81F6

 000000

 CA9CFF

 E7B7FF

 FFD3FF

 20066D

 20066D

■ 1C006D

■ 28116D

■ 301C6D

■ 38276D

■ 41326D

■ 493C6D

■ 51476D

■ 59526D

■ 615D6D

■ 69686D

Harmonies

Analogous

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



002781



20066D



5C0045

Triad

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



20066D



450E00



00302D

Complementary

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



20066D



536D06

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.



002F00



20066D



202400

Square

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



20066D



5E0000



002C00



00325A

Rectangle

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



20066D



680027



002C00



00301C

Sweetspot

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



20066D



71678F



06536D



352F47



C7C7C7



474747

Same Dimension

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



20066D



24008F



53066D



323036



1E0075



3E00F5

Inverse Universe

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



6D0653



8F006B



206D06



363034



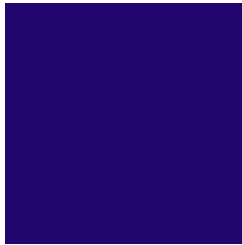
750058



F500B7

Previews

White Background



This preview shows how the Hex color 20066D looks on a white background.

Color Contrast Check

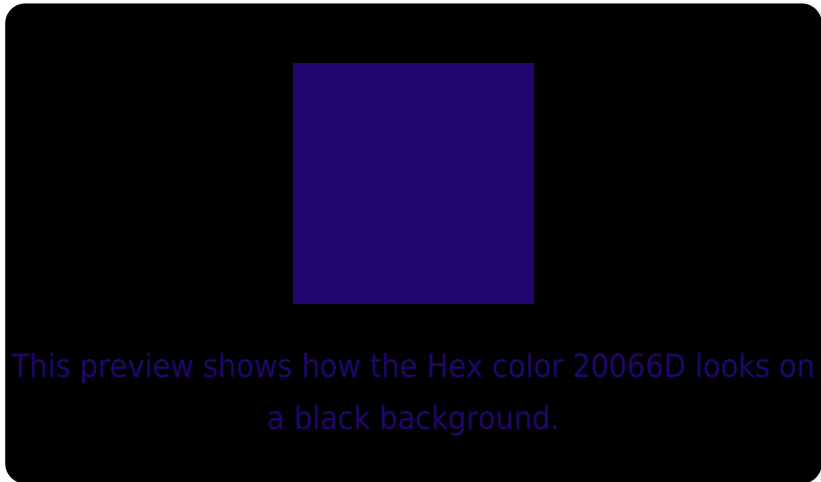
Large Text (above 18pt) WCAG AA ✓ Pass

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

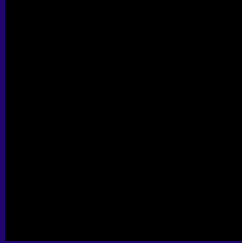
Any Text WCAG AA × Fail

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 20066D Background



This preview shows how black text looks on a background with the Hex color 20066D.



This preview shows how white text looks on a background with the Hex color 20066D.

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
20066D

Protanopia
002349

Deuteranopia
00253E

Trichromacy



Original Color
20066D

Protanomaly
0C1856

Deuteranomaly
0C1A4F

Tritanomaly
0C1C42

Monochromacy



Original Color
20066D

Achromatopsia
1A1A1A

Achromatomaly
1C1338

CSS Examples

Text

The CSS property to change the color of the text to Hex 20066D 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 #20066D looks like.

```
.text, #text, p{  
    color:#20066D  
}
```

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 #20066D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20066D
}
```

Border

The CSS property to change the border of an element to Hex 20066D is called "border". The border property can be set on classes, ids or directly on the HTML element.

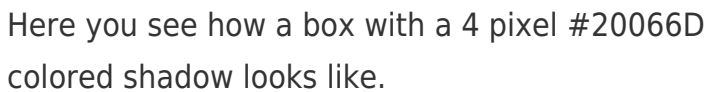
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20066D }
```

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

```
.border{ border-color:#20066D }
```

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



Here you see how a box with a 4 pixel #20066D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20066D; -webkit-box-shadow:4px 4px  
4px 4px #20066D; box-shadow:4px 4px 4px  
4px #20066D }
```

Background

The CSS property to change the background color of an element to Hex 20066D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20066D }
```

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

```
.background{ background-color:#20066D }
```

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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