

Converting Colors

Hex(30066D)

Have a look what the booklet for
Hex(30066D) contains.

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Color

Hex(30066D)

Conversions

Conversions Part 1

Format	Color
Hex	30066D
RGB	48, 6, 109
RGB Percent	19%, 2%, 43%
CMY	0.8118, 0.9765, 0.5725
CMYK	0.56, 0.94, 0.00, 0.57
HSL	264°, 90%, 23%
HSV	264°, 94%, 43%
XYZ	4.0444, 1.8628, 14.6144
YIQ	30.3000, -8.0310, 40.9370

Conversions

Conversions Part 2

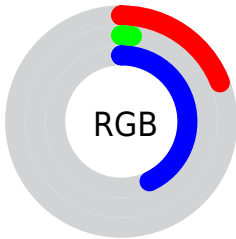
Format	Color
R_{YB}	48, 6, 109
Decimal	3147373
CIE _{Lab}	14.75, 42.02, -49.38
CIE _{LCh}	15, 64.839, 310.391
Yxy	1.8628, 0.1971, 0.0908
Android (android.graphics.Color)	4281337453 (0xFF30066D)
YUV	30.3000, 38.7991, 15.5229
Hunter-Lab	13.6483, 29.0101, -53.9331

Details

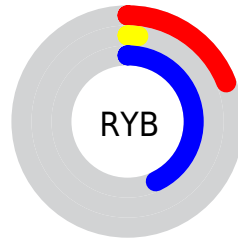
The Hex color **30066D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **436D06**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6639A2**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **2C006D**, and if you desaturate by 10%, it is **36116D**.

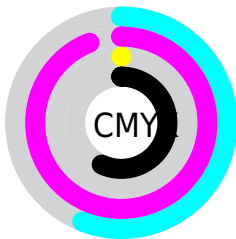
Distribution



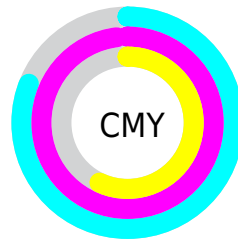
- Red (19%)
- Green (2%)
- Blue (43%)



- Red (19%)
- Yellow (2%)
- Blue (43%)



- Cyan (56%)
- Magenta (94%)
- Yellow (0%)
- Black (57%)



- Cyan (81%)
- Magenta (98%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30066D 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 30066D by changing the saturation by 10% instead.

 30066D

 30066D

 FFF4FF

 120054

 6639A2

 00003C

 8252BD

 000225

 9D6BD9

 00010E

 BA85F6

 000000

 D69FFF

 F4BBFF

 FFD7FF

 30066D

 30066D

■ 2C006D

■ 36116D

■ 3D1C6D

■ 43276D

■ 4A326D

■ 503C6D

■ 57476D

■ 5D526D

■ 645D6D

■ 6A686D

Harmonies

Analogous

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



002983



30066D



620045

Triad

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



30066D



461600



003635

Complementary

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



30066D



436D06

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.



003400



30066D



212900

Square

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



30066D



610000



003000



003661

Rectangle

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



30066D



6C0027



003000



003525

Sweetspot

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



30066D



77678F



06446D



392F47



C7C7C7



474747

Same Dimension

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



30066D



3A008F



63066D



323036



300075



6400F5

Inverse Universe

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



6D0643



8F0055



106D06



363033



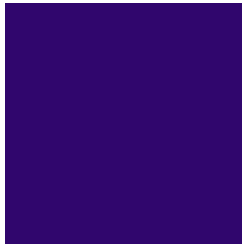
750045



F50091

Previews

White Background



This preview shows how the Hex color 30066D looks on a white background.

Color Contrast Check

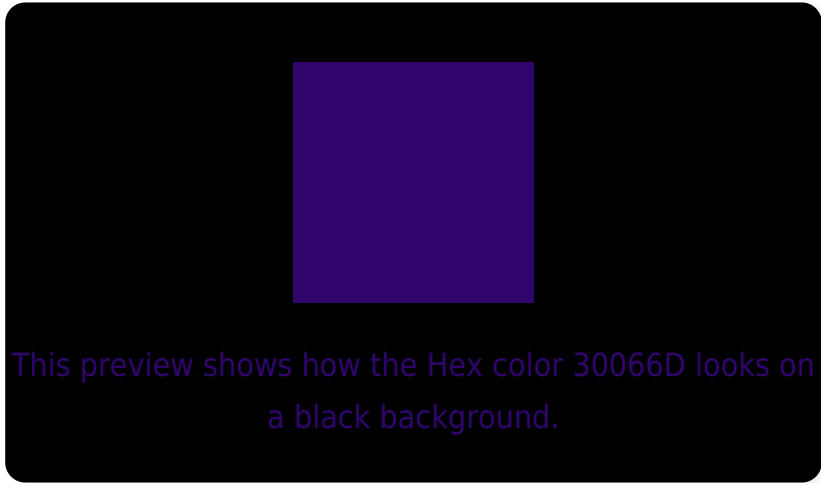
Large Text (above 18pt) WCAG AA ✓ Pass

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

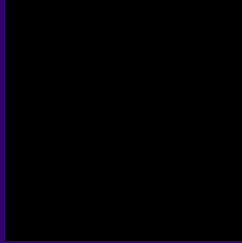
Any Text WCAG AA × Fail

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 30066D Background



This preview shows how black text looks on a background with the Hex color 30066D.



This preview shows how white text looks on a background with the Hex color 30066D.

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
30066D

Protanopia
002751

Deuteranopia
002945



Tritanopia
192B2E

Trichromacy



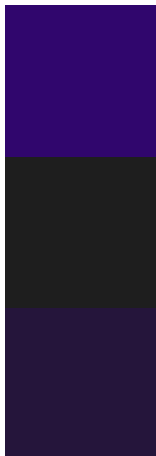
Original Color
30066D

Protanomaly
111B5B

Deuteranomaly
111C54

Tritanomaly
211E45

Monochromacy



Original Color
30066D

Achromatopsia
1E1E1E

Achromatomaly
25153B

CSS Examples

Text

The CSS property to change the color of the text to Hex 30066D 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 #30066D looks like.

```
.text, #text, p{  
    color:#30066D  
}
```

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 #30066D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30066D
}
```

Border

The CSS property to change the border of an element to Hex 30066D is called "border". The border property can be set on classes, ids or directly on the HTML element.

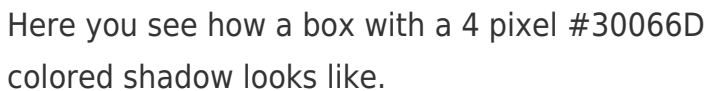
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30066D }
```

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

```
.border{ border-color:#30066D }
```

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



Here you see how a box with a 4 pixel #30066D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30066D; -webkit-box-shadow:4px 4px  
4px 4px #30066D; box-shadow:4px 4px 4px  
4px #30066D }
```

Background

The CSS property to change the background color of an element to Hex 30066D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30066D }
```

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

```
.background{ background-color:#30066D }
```

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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