

Converting Colors

Hex(66036B)

Have a look what the booklet for
Hex(66036B) contains.

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Color

Hex(66036B)

Conversions

Conversions Part 1

Format	Color
Hex	66036B
RGB	102, 3, 107
RGB Percent	40%, 1%, 42%
CMY	0.6000, 0.9882, 0.5804
CMYK	0.05, 0.97, 0.00, 0.58
HSL	297°, 95%, 22%
HSV	297°, 97%, 42%
XYZ	8.1659, 3.9514, 14.2422
YIQ	44.4570, 25.6200, 53.3320

Conversions

Conversions Part 2

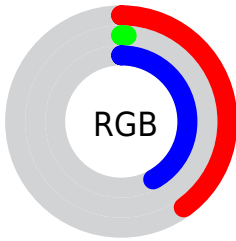
Format	Color
R_{YB}	102, 3, 107
Decimal	6685547
CIE _{Lab}	23.51, 50.32, -33.40
CIE _{LCh}	24, 60.401, 326.425
Yxy	3.9514, 0.3098, 0.1499
Android (android.graphics.Color)	4284875627 (0xFF66036B)
YUV	44.4570, 30.8337, 50.4652
Hunter-Lab	19.8782, 38.5401, -28.5650

Details

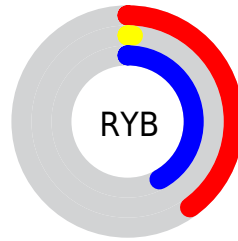
The Hex color **66036B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **086B03**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9C429F**, and **33003B** is the 20% darker color. If you saturate the color by 10%, you get **66006B**, and if you desaturate by 10%, it is **670E6B**.

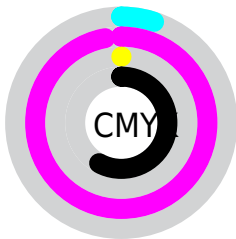
Distribution



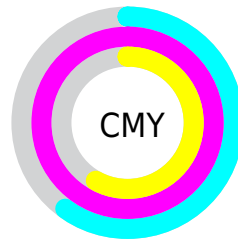
- Red (40%)
- Green (1%)
- Blue (42%)



- Red (40%)
- Yellow (1%)
- Blue (42%)



- Cyan (5%)
- Magenta (97%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (99%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66036B 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 66036B by changing the saturation by 10% instead.



66036B



66036B

FFFFFF



4C0052



9C429F



33003B



B85CBA



180025



D577D6



00000C



F292F3



000000



FFAEFF



FFCAFF



FFE7FF



66036B



66036B

66006B

670E6B

67186B

68236B

682E6B

69396B

69436B

6A4E6B

6A596B

6B636B

Harmonies

Analogous

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



0E2F8B



66036B



800040

Triad

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



66036B



4A3500



004960

Complementary

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



66036B



086B03

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.



004931



66036B



1D4100

Square

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



66036B



6B1C00



004600



004884

Rectangle

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



66036B



820022



004600



004951

Sweetspot

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



66036B



8A648C



03086B



462E47



C7C7C7



474747

Same Dimension

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



66036B



86008C



6B033C



353036



700075



E900F5

Inverse Universe

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



6B0308



8C0007



036B32



363030



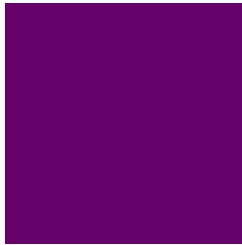
750006



F5000C

Previews

White Background



This preview shows how the Hex color 66036B looks on a white background.

Color Contrast Check

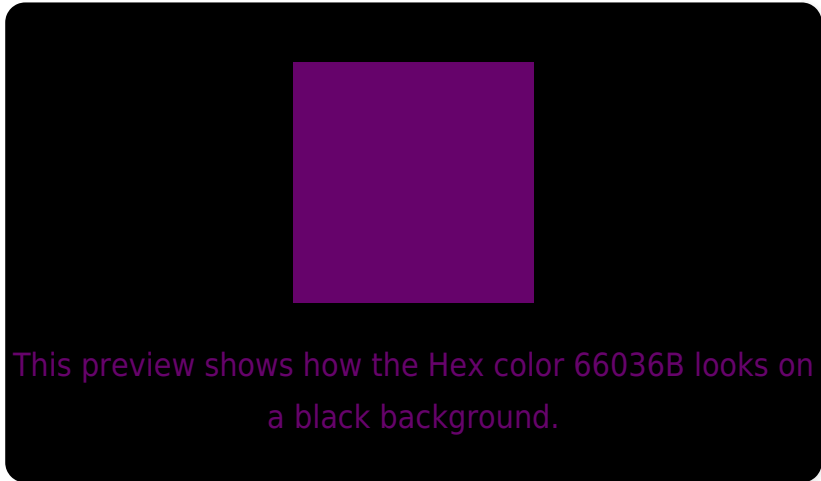
Large Text (above 18pt) WCAG AA ✓ Pass

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

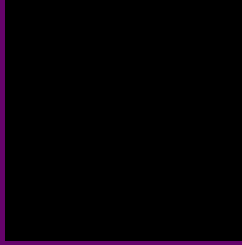
Any Text WCAG AA × Fail

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 66036B Background



This preview shows how black text looks on a background with the Hex color 66036B.



This preview shows how white text looks on a background with the Hex color 66036B.

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
66036B

Deuteranopia
1D3C65

Tritanopia
5F2A2D

Trichromacy

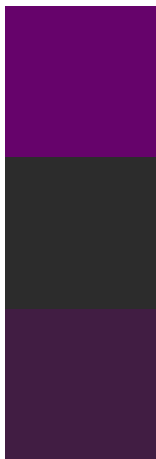


Original Color
66036B

Deuteranomaly
382767

Tritanomaly
621C44

Monochromacy



Original Color
66036B

Achromatopsia
2C2C2C

Achromatomaly
411D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 66036B 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 #66036B looks like.

```
.text, #text, p{  
    color:#66036B  
}
```

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 #66036B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66036B
}
```

Border

The CSS property to change the border of an element to Hex 66036B is called "border". The border property can be set on classes, ids or directly on the HTML element.

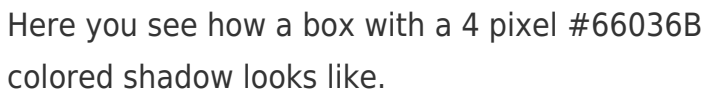
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66036B }
```

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

```
.border{ border-color:#66036B }
```

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



Here you see how a box with a 4 pixel #66036B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66036B; -webkit-box-shadow:4px 4px  
4px 4px #66036B; box-shadow:4px 4px 4px  
4px #66036B }
```

Background

The CSS property to change the background color of an element to Hex 66036B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66036B }
```

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

```
.background{ background-color:#66036B }
```

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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