

Converting Colors

Hex(65006B)

Have a look what the booklet for
Hex(65006B) contains.

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Color

Hex(65006B)

Conversions

Conversions Part 1

Format	Color
Hex	65006B
RGB	101, 0, 107
RGB Percent	40%, 0%, 42%
CMY	0.6039, 1.0000, 0.5804
CMYK	0.06, 1.00, 0.00, 0.58
HSL	297°, 100%, 21%
HSV	297°, 100%, 42%
XYZ	8.0207, 3.8282, 14.2261
YIQ	42.3970, 25.8490, 54.6890

Conversions

Conversions Part 2

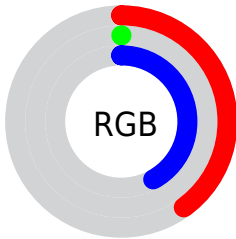
Format	Color
R_{YB}	101, 0, 107
Decimal	6619243
CIE Lab	23.10, 50.80, -34.08
CIE LCh	23, 61.170, 326.142
Yxy	3.8282, 0.3076, 0.1468
Android (android.graphics.Color)	4284809323 (0xFF65006B)
YUV	42.3970, 31.8493, 51.3948
Hunter-Lab	19.5659, 38.9325, -29.4129

Details

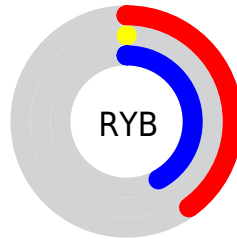
The Hex color **65006B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **066B00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **9B419F**, and **32003B** is the 20% darker color. If you saturate the color by 10%, you get **65006B**, and if you desaturate by 10%, it is **660B6B**.

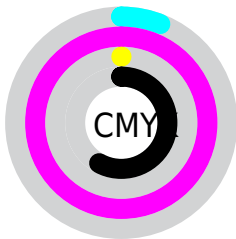
Distribution



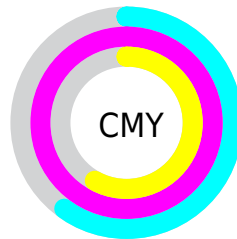
- Red (40%)
- Green (0%)
- Blue (42%)



- Red (40%)
- Yellow (0%)
- Blue (42%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65006B 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 65006B by changing the saturation by 10% instead.

 65006B

 65006B

FFFFFF

 4B0052

 9B419F

 32003B

 B75BBA

 160024

 D476D6

 00000C

 F191F3

 000000

 FFACFF

 FFC8FF

 FFE5FF

 65006B

 660B6B

 66156B

 67206B

 672B6B

 68366B

 69406B

 694B6B

 6A566B

 6A606B

Harmonies

Analogous

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



032E8B



65006B



80003F

Triad

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



65006B



4A3400



00495F

Complementary

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



65006B



066B00

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.



004830



65006B



1B4000

Square

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



65006B



6B1A00



004500



004784

Rectangle

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



65006B



820021



004500



004850

Sweetspot

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



65006B



8A628C



00076B



462E47



C7C7C7



474747

Same Dimension

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



65006B



84008C



6B003D



353036



6F0075



E700F5

Inverse Universe

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



6B0006



8C0008



006B2E



363030



750007



F5000E

Previews

White Background



This preview shows how the Hex color 65006B looks on a white background.

Color Contrast Check

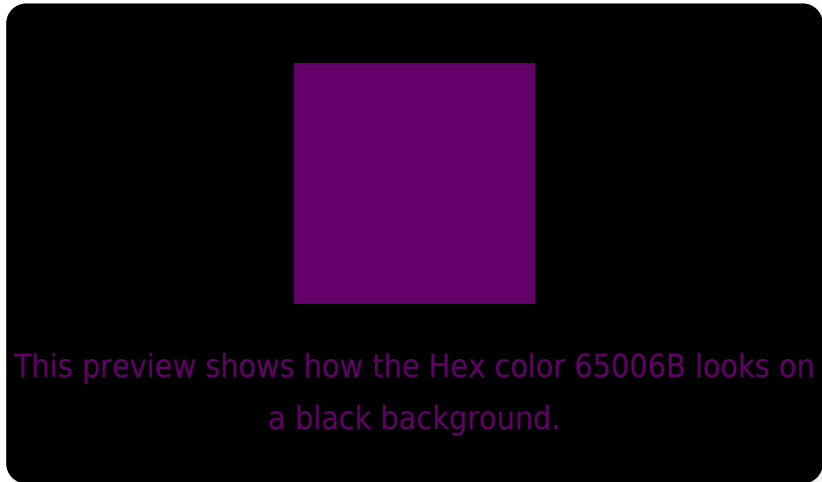
Large Text (above 18pt) WCAG AA ✓ Pass

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

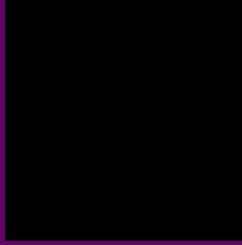
Any Text WCAG AA × Fail

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 65006B Background



This preview shows how black text looks on a background with the Hex color 65006B.



This preview shows how white text looks on a background with the Hex color 65006B.

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
65006B

Protanopia
003978

Deuteranopia
1B3B65

Trichromacy



Original Color
65006B

Protanomaly
252473

Deuteranomaly
362667

Tritanomaly
611B44

Monochromacy



Original Color
65006B

Achromatopsia
2A2A2A

Achromatomaly
3F1B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 65006B 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 #65006B looks like.

```
.text, #text, p{  
    color:#65006B  
}
```

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 #65006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65006B
}
```

Border

The CSS property to change the border of an element to Hex 65006B 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
#65006B }
```

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

```
.border{ border-color:#65006B }
```

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

Here you see how a box with a 4 pixel #65006B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65006B; -webkit-box-shadow:4px 4px  
4px 4px #65006B; box-shadow:4px 4px 4px  
4px #65006B }
```

Background

The CSS property to change the background color of an element to Hex 65006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65006B }
```

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

```
.background{ background-color:#65006B }
```

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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