

Converting Colors

Hex(4C0F65)

Have a look what the booklet for
Hex(4C0F65) contains.

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Color

Hex(4C0F65)

Conversions

Conversions Part 1

Format	Color
Hex	4C0F65
RGB	76, 15, 101
RGB Percent	30%, 6%, 40%
CMY	0.7020, 0.9412, 0.6039
CMYK	0.25, 0.85, 0.00, 0.60
HSL	283°, 74%, 23%
HSV	283°, 85%, 40%
XYZ	5.5003, 2.8177, 12.5659
YIQ	43.0430, 8.7500, 39.6780

Conversions

Conversions Part 2

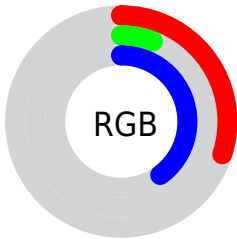
Format	Color
R_{YB}	76, 15, 101
Decimal	4984677
CIE _{Lab}	19.30, 41.25, -36.51
CIE _{LCh}	19, 55.088, 318.484
Yxy	2.8177, 0.2634, 0.1349
Android (android.graphics.Color)	4283174757 (0xFF4C0F65)
YUV	43.0430, 28.5728, 28.9033
Hunter-Lab	16.7861, 29.1132, -32.6336

Details

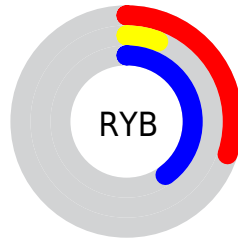
The Hex color **4C0F65** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **28650F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **804299**, and **1F0036** is the 20% darker color. If you saturate the color by 10%, you get **490565**, and if you desaturate by 10%, it is **4F1965**.

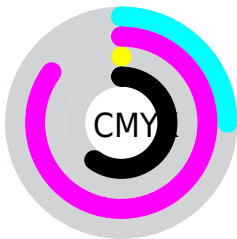
Distribution



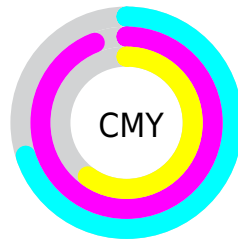
- Red (30%)
- Green (6%)
- Blue (40%)



- Red (30%)
- Yellow (6%)
- Blue (40%)



- Cyan (25%)
- Magenta (85%)
- Yellow (0%)
- Black (60%)



- Cyan (70%)
- Magenta (94%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0F65 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 4C0F65 by changing the saturation by 10% instead.



4C0F65



4C0F65

FFFFFF



33004D



804299



1F0036



9B5BB4



00021F



B775CF



000002



D390EC



000000



F0ABFF



FFC6FF



FFE3FF



4C0F65



4C0F65

■ 490565

■ 4F1965

■ 480065

■ 522365

■ 552D65

■ 583765

■ 5B4265

■ 5E4C65

■ 615665

■ 636065

■ 666A65

Harmonies

Analogous

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



002C7D



4C0F65



6B0040

Triad

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



4C0F65



472800



003E47

Complementary

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



4C0F65



28650F

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.



003D1D



4C0F65



233400

Square

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



4C0F65



620B00



003A00



003E6B

Rectangle

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



4C0F65



710026



003A00



003E3A

Sweetspot

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



4C0F65



786082



0F2965



3C2E42



C2C2C2



424242

Same Dimension

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



4C0F65



5C0082



650F54



322E33



510073



AC00F2

Inverse Universe

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



650F28



820026



0F6520



332E2F



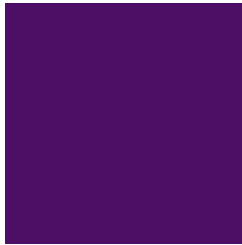
730021



F20046

Previews

White Background



This preview shows how the Hex color 4C0F65 looks on a white background.

Color Contrast Check

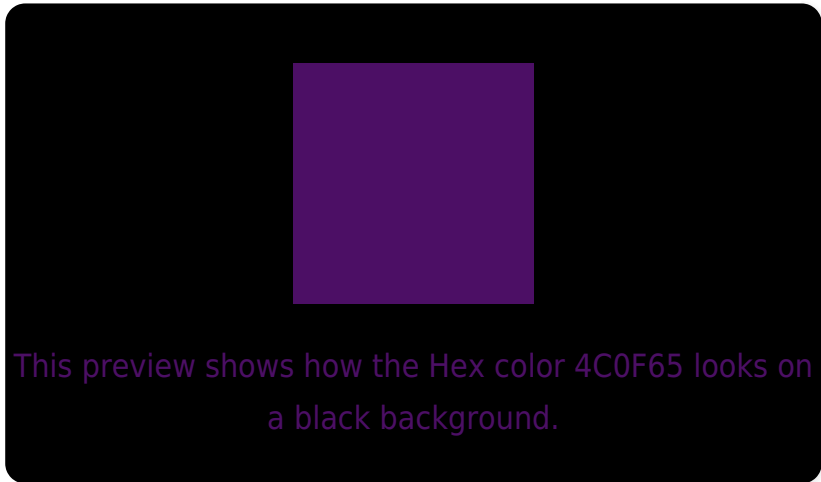
Large Text (above 18pt) WCAG AA ✓ Pass

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

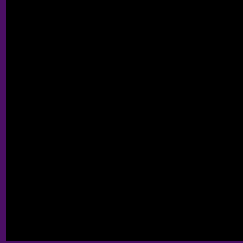
Any Text WCAG AA × Fail

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 4C0F65 Background



This preview shows how black text looks on a background with the Hex color 4C0F65.



This preview shows how white text looks on a background with the Hex color 4C0F65.

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
4C0F65

Protanopia
002F63

Deuteranopia
003257



Tritanopia
43292C

Trichromacy



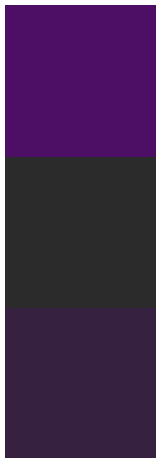
Original Color
4C0F65

Protanomaly
1C2364

Deuteranomaly
1C255C

Tritanomaly
462041

Monochromacy



Original Color
4C0F65

Achromatopsia
2B2B2B

Achromatomaly
372140

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0F65 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 #4C0F65 looks like.

```
.text, #text, p{  
    color:#4C0F65  
}
```

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 #4C0F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0F65
}
```

Border

The CSS property to change the border of an element to Hex 4C0F65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

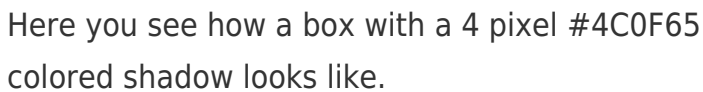
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C0F65 }
```

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

```
.border{ border-color:#4C0F65 }
```

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



Here you see how a box with a 4 pixel #4C0F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0F65; -webkit-box-shadow:4px 4px  
4px 4px #4C0F65; box-shadow:4px 4px 4px  
4px #4C0F65 }
```

Background

The CSS property to change the background color of an element to Hex 4C0F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0F65 }
```

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

```
.background{ background-color:#4C0F65 }
```

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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