

Converting Colors

Hex(64004F)

Have a look what the booklet for
Hex(64004F) contains.

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Color

Hex(64004F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 64004F |
| RGB | 100, 0, 79 |
| RGB Percent | 39%, 0%, 31% |
| CMY | 0.6078, 1.0000, 0.6902 |
| CMYK | 0.00, 1.00, 0.21, 0.61 |
| HSL | 313°, 100%, 20% |
| HSV | 313°, 100%, 39% |
| XYZ | 6.6668, 3.2738, 7.6777 |
| YIQ | 38.9060, 34.2410, 45.7690 |

Conversions

Conversions Part 2

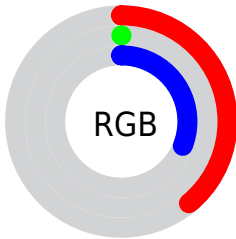
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 100, 0, 79 |
| Decimal | 6553679 |
| CIE _{Lab} | 21.11, 46.25, -18.65 |
| CIE _{LCh} | 21, 49.869, 338.044 |
| Yxy | 3.2738, 0.3784, 0.1858 |
| Android (android.graphics.Color) | 4284743759 (0xFF64004F) |
| YUV | 38.9060, 19.7663, 53.5794 |
| Hunter-Lab | 18.0938, 34.1059, -12.4927 |

Details

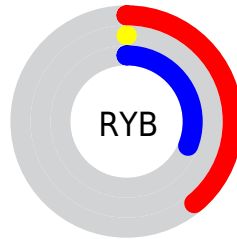
The Hex color **64004F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006415**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9A3E80**, and **330023** is the 20% darker color. If you saturate the color by 10%, you get **64004F**, and if you desaturate by 10%, it is **640A51**.

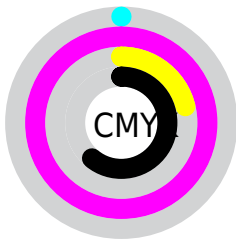
Distribution



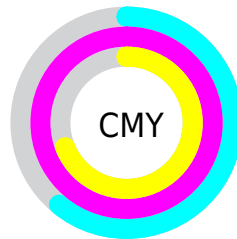
- Red (39%)
- Green (0%)
- Blue (31%)



- Red (39%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64004F 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 64004F by changing the saturation by 10% instead.

 64004F

 64004F

FFFFFF

 4A0038

 9A3E80

 330023

 B6589A

 100008

 D373B5

 000000

 F08ED1

 FFA9ED

 FFC5FF

 FFE2FF

 64004F

 640A51

 641453

 641E55

 642857

 643259

 643C5C

 64465E

 645060

 645A62

Harmonies

Analogous

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



3C236E



64004F



70002B

Triad

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



64004F



373500



004160

Complementary

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



64004F



006415

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.



00413C



64004F



093C00

Square

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



64004F



552600



004015



003E78

Rectangle

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



64004F



6D0013



004015



004255

Sweetspot

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



64004F



825B7A



140064



422A3D



C2C2C2



424242

Same Dimension

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



64004F



820067



64001E



332E32



73005B



F200BF

Inverse Universe

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



64004F



820067



006446



332E32



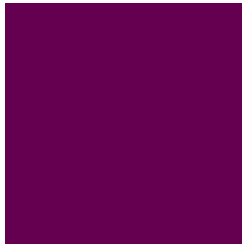
73005B



F200BF

Previews

White Background



This preview shows how the Hex color 64004F looks on a white background.

Color Contrast Check

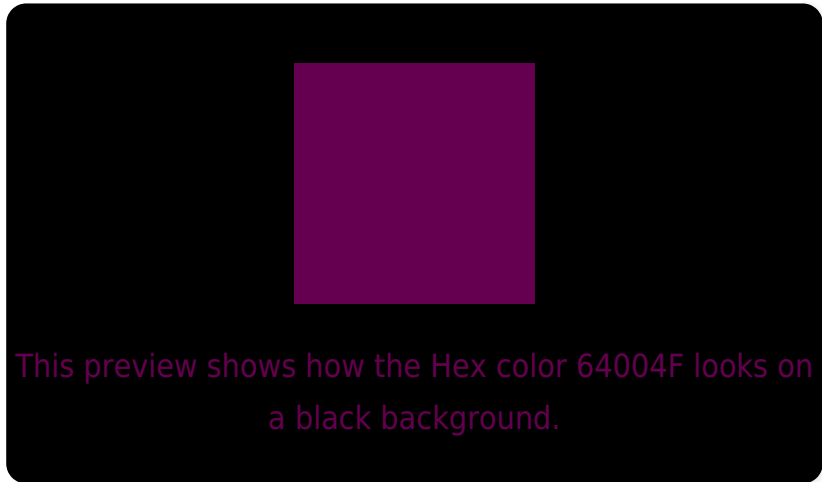
Large Text (above 18pt) WCAG AA ✓ Pass

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

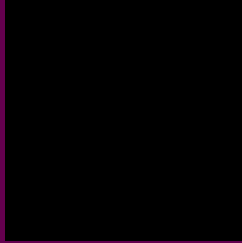
Any Text WCAG AA × Fail

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 64004F Background



This preview shows how black text looks on a background with the Hex color 64004F.



This preview shows how white text looks on a background with the Hex color 64004F.

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
64004F

Protanopia
053570

Deuteranopia
31364A



Tritanopia
601F21

Trichromacy



Original Color
64004F

Protanomaly
282264

Deuteranomaly
44224C

Tritanomaly
611432

Monochromacy



Original Color
64004F

Achromatopsia
272727

Achromatomaly
3D1936

CSS Examples

Text

The CSS property to change the color of the text to Hex 64004F 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 #64004F looks like.

```
.text, #text, p{  
    color:#64004F  
}
```

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 #64004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64004F
}
```

Border

The CSS property to change the border of an element to Hex 64004F is called "border". The border property can be set on classes, ids or directly on the HTML element.

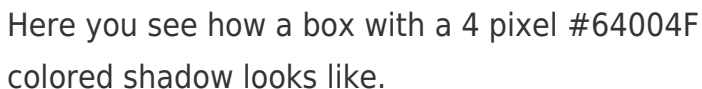
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64004F }
```

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

```
.border{ border-color:#64004F }
```

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



Here you see how a box with a 4 pixel #64004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64004F; -webkit-box-shadow:4px 4px  
4px 4px #64004F; box-shadow:4px 4px 4px  
4px #64004F }
```

Background

The CSS property to change the background color of an element to Hex 64004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64004F }
```

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

```
.background{ background-color:#64004F }
```

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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