

Converting Colors

Hex(64104C)

Have a look what the booklet for
Hex(64104C) contains.

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Color

Hex(64104C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 64104C |
| RGB | 100, 16, 76 |
| RGB Percent | 39%, 6%, 30% |
| CMY | 0.6078, 0.9373, 0.7020 |
| CMYK | 0.00, 0.84, 0.24, 0.61 |
| HSL | 317°, 72%, 23% |
| HSV | 317°, 84%, 39% |
| XYZ | 6.7453, 3.6017, 7.1772 |
| YIQ | 47.9560, 30.8040, 36.4680 |

Conversions

Conversions Part 2

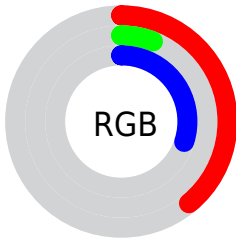
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 100, 16, 76 |
| Decimal | 6557772 |
| CIE _{Lab} | 22.31, 41.89, -14.74 |
| CIE _{LCh} | 22, 44.406, 340.611 |
| Yxy | 3.6017, 0.3849, 0.2055 |
| Android (android.graphics.Color) | 4284747852 (0xFF64104C) |
| YUV | 47.9560, 13.8257, 45.6426 |
| Hunter-Lab | 18.9782, 30.2317, -9.1376 |




Details

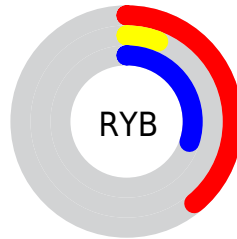
The Hex color **64104C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **106428**, and the grayscale version is **303030**.


A 20% lighter version of the original color is **9A467D**, and **330020** is the 20% darker color. If you saturate the color by 10%, you get **640649**, and if you desaturate by 10%, it is **641A4F**.

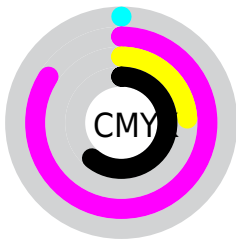
Distribution







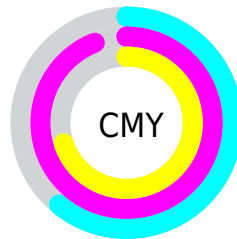
-  Red (39%)
-  Green (6%)
-  Blue (30%)






-  Red (39%)
-  Yellow (6%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (84%)
-  Yellow (24%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (94%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64104C 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 64104C by changing the saturation by 10% instead.

64104C

64104C

FFFFFF

4A0035

9A467D

330020

B66097

130004

D27AB2

000000

EF94CD

FFB0E9

FFCCFF

FFE9FF

64104C

64104C

■ 640649

■ 641A4F

■ 640047

■ 642452

■ 642E55

■ 643857

■ 64425A

■ 644C5D

■ 645660

■ 646063

■ 646A66

Harmonies

Analogous

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



442668



64104C



6E052B

Triad

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



64104C



383800



004360

Complementary

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



64104C



106428

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.



004341



64104C



103F00

Square

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



64104C



542C00



00421E



003F74

Rectangle

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



64104C



6B1216



00421E



004356

Sweetspot

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



64104C



826279



281064



422E3D



C2C2C2



424242

Same Dimension

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



64104C



82005D



641022



332E32



730052



F200AD

Inverse Universe

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



64104C



82005D



106452



332E32



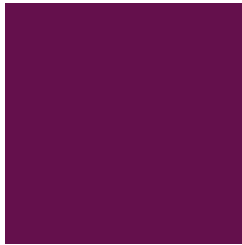
730052



F200AD

Previews

White Background



This preview shows how the Hex color 64104C looks on a white background.

Color Contrast Check

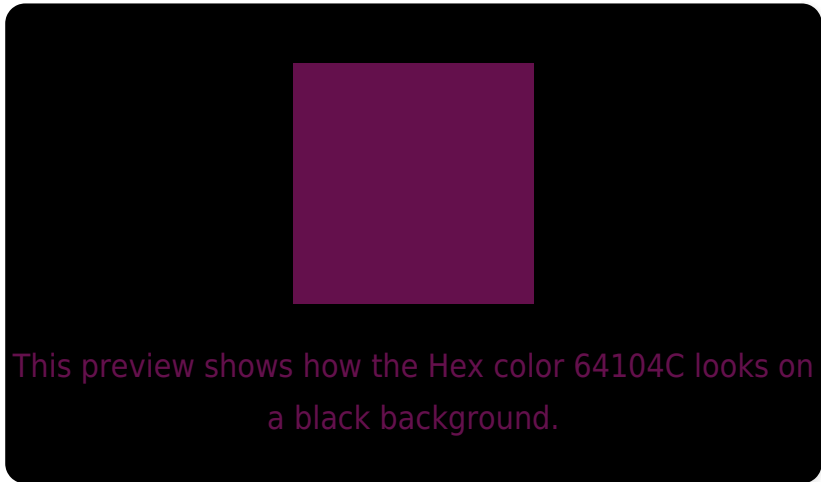
Large Text (above 18pt) WCAG AA ✓ Pass

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

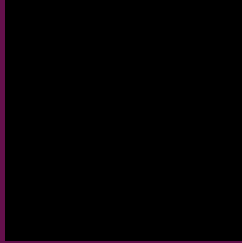
Any Text WCAG AA × Fail

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 64104C Background



This preview shows how black text looks on a background with the Hex color 64104C.



This preview shows how white text looks on a background with the Hex color 64104C.

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
64104C

Protanopia
1C3668

Deuteranopia
343747



Tritanopia
612123

Trichromacy



Original Color
64104C

Protanomaly
36285E

Deuteranomaly
452949

Tritanomaly
621B32

Monochromacy



Original Color
64104C

Achromatopsia
303030

Achromatomaly
43243A

CSS Examples

Text

The CSS property to change the color of the text to Hex 64104C 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 #64104C looks like.

```
.text, #text, p{  
    color:#64104C  
}
```

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 #64104C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64104C
}
```

Border

The CSS property to change the border of an element to Hex 64104C is called "border". The border property can be set on classes, ids or directly on the HTML element.

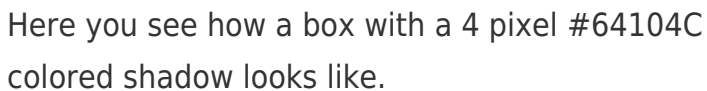
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64104C }
```

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

```
.border{ border-color:#64104C }
```

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



Here you see how a box with a 4 pixel #64104C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64104C; -webkit-box-shadow:4px 4px  
4px 4px #64104C; box-shadow:4px 4px 4px  
4px #64104C }
```

Background

The CSS property to change the background color of an element to Hex 64104C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64104C }
```

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

```
.background{ background-color:#64104C }
```

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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