

Converting Colors

Hex(71104D)

Have a look what the booklet for
Hex(71104D) contains.

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Color

Hex(71104D)

Conversions

Conversions Part 1	
Format	Color
Hex	71104D
RGB	113, 16, 77
RGB Percent	44%, 6%, 30%
CMY	0.5569, 0.9373, 0.6980
CMYK	0.00, 0.86, 0.32, 0.56
HSL	322°, 75%, 25%
HSV	322°, 86%, 44%
XYZ	8.3349, 4.4171, 7.4345
YIQ	51.9570, 38.2310, 39.5350

Conversions

Conversions Part 2

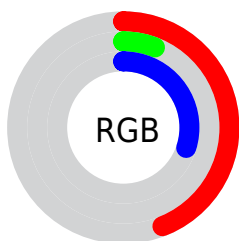
Format	Color
RYB	113, 16, 77
Decimal	7409741
CIELab	25.01, 45.39, -11.05
CIELCh	25, 46.717, 346.323
Yxy	4.4171, 0.4129, 0.2188
Android (android.graphics.Color)	4285599821 (0xFF71104D)
YUV	51.9570, 12.3462, 53.5347
Hunter-Lab	21.0169, 34.0099, -6.2612

Details

The Hex color **71104D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **107134**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A8497E**, and **3D0021** is the 20% darker color. If you saturate the color by 10%, you get **710549**, and if you desaturate by 10%, it is **711B51**.

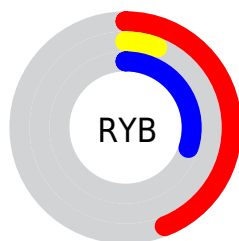
Distribution



Red (44%)

Green (6%)

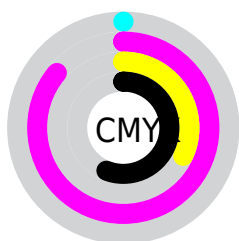
Blue (30%)



Red (44%)

Yellow (6%)

Blue (30%)

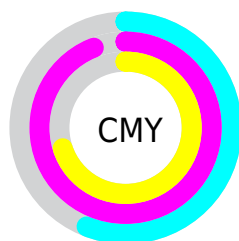


Cyan (0%)

Magenta (86%)

Yellow (32%)

Black (56%)



Cyan (56%)

Magenta (94%)


Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71104D 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 71104D by changing the saturation by 10% instead.

 71104D

 71104D

FFFFFF

 560036

 A8497E

 3D0021

 C56398

 240007

 E27DB3


 000000

 FF98CE

 FFB4EA


 FFD0FF

 FFEDFF

 71104D

 71104D

 710549

 711B51

 710047

 712755


 71325A

 713D5E

 714962

 715466

 715F6A

 716A6F

 717673

Harmonies

Analogous

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



54276D



71104D



780C2A

Triad

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



71104D



384000



00496E

Complementary

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



71104D



107134

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.



004A4E



71104D



014601

Square

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



71104D



573400



004929



004481

Rectangle

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



71104D



721B13



004929



004A65

Sweetspot

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



71104D



946D86



341071



4A3341



C9C9C9



4A4A4A

Same Dimension

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



71104D



94005D



71101D



383236



78004B



F7009C

Inverse Universe

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



71104D



94005D



107164



383236



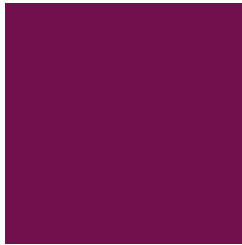
78004B



F7009C

Previews

White Background



This preview shows how the Hex color 71104D 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



This preview shows how the Hex color 71104D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

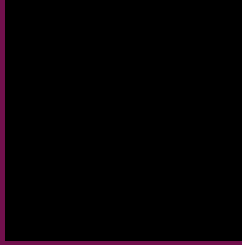
Any Text WCAG AA × Fail

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 71104D Background



This preview shows how black text looks on a background with the Hex color 71104D.



This preview shows how white text looks on a background with the Hex color 71104D.

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

71104D

Protanopia

293C6B





Deuteranopia

3E3C48






Tritanopia
6E2123

Trichromacy

	Original Color 71104D
	Protanomaly 432C60
	Deuteranomaly 512C4A
	Tritanomaly 6F1B32

Monochromacy

	Original Color 71104D
	Achromatopsia 343434
	Achromatomaly 4A273D

CSS Examples

Text

The CSS property to change the color of the text to Hex 71104D 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 #71104D looks like.

```
.text, #text, p{  
    color:#71104D  
}
```

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 #71104D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71104D
}
```

Border

The CSS property to change the border of an element to Hex 71104D 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
#71104D }
```

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

```
.border{ border-color:#71104D }
```

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

Here you see how a box with a 4 pixel #71104D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71104D; -webkit-box-shadow:4px 4px  
4px 4px #71104D; box-shadow:4px 4px 4px  
4px #71104D }
```

Background

The CSS property to change the background color of an element to Hex 71104D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71104D }
```

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

```
.background{ background-color:#71104D }
```

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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