

Converting Colors

Hex(713D84)

Have a look what the booklet for
Hex(713D84) contains.

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Color

Hex(713D84)

Conversions

Conversions Part 1

Format	Color
Hex	713D84
RGB	113, 61, 132
RGB Percent	44%, 24%, 52%
CMY	0.5569, 0.7608, 0.4824
CMYK	0.14, 0.54, 0.00, 0.48
HSL	284°, 37%, 38%
HSV	284°, 54%, 52%
XYZ	12.6437, 8.5141, 22.8068
YIQ	84.6420, 8.2010, 33.1050

Conversions

Conversions Part 2

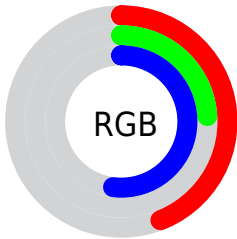
Format	Color
R_{YB}	113, 61, 132
Decimal	7421316
CIE _{Lab}	35.03, 35.28, -30.79
CIE _{LCh}	35, 46.824, 318.883
Yxy	8.5141, 0.2876, 0.1937
Android (android.graphics.Color)	4285611396 (0xFF713D84)
YUV	84.6420, 23.3475, 24.8700
Hunter-Lab	29.1790, 26.2832, -25.9168

Details

The Hex color **713D84** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **50843D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A66FB9**, and **3E0C52** is the 20% darker color. If you saturate the color by 10%, you get **6D3084**, and if you desaturate by 10%, it is **754A84**.

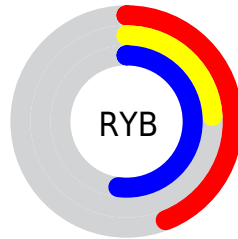
Distribution



Red (44%)

Green (24%)

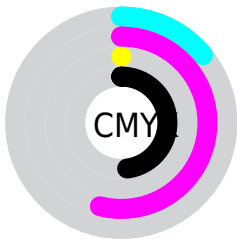
Blue (52%)



Red (44%)

Yellow (24%)

Blue (52%)

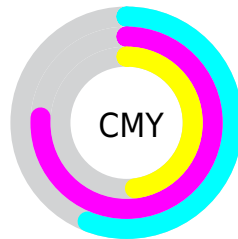


Cyan (14%)

Magenta (54%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (76%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 713D84 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 713D84 by changing the saturation by 10% instead.

713D84

713D84

FFFFFF

57256B

A66FB9

3E0C52

C289D5

27003B

DFA3F2

080024

FCBFFF

00000C

FFDBFF

000000

FFF8FF

713D84

713D84

6D3084

754A84

6A2384

785784

661584

7C6584

630884

7F7284

610084

837F84

868C84

8A9984

8DA784

91B484

Harmonies

Analogous

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



324E9A



713D84



8E2D62

Triad

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



713D84



6F4C00



00636A

Complementary

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



713D84



50843D

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.



006343



713D84



4D5800

Square

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



713D84



883B1A



1C5F1D



00618A

Rectangle

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



713D84



942B49



1C5F1D



00635D

Sweetspot

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



713D84



A490AB



3D5184



524657



D6D6D6



575757

Same Dimension

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



713D84



8D3CAB



843D75



413C42



5F0082



020003

Inverse Universe

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



843D50



AB3C5A



3D844C



423C3D



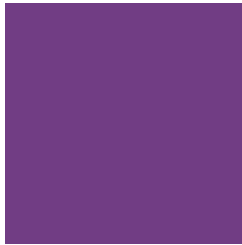
820023



030001

Previews

White Background



This preview shows how the Hex color 713D84 looks on a white background.

Color Contrast Check

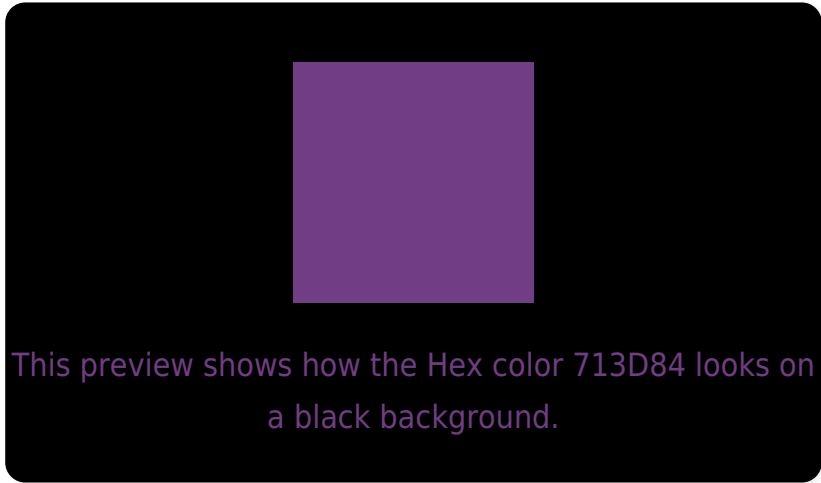
Large Text (above 18pt) WCAG AA ✓ Pass

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

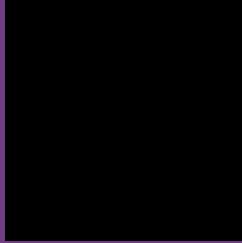
Any Text WCAG AA × Fail

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 713D84 Background



This preview shows how black text looks on a background with the Hex color 713D84.

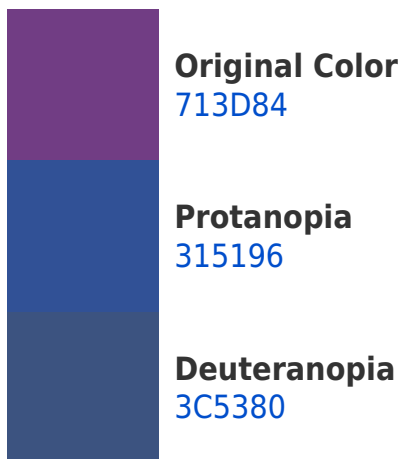



This preview shows how white text looks on a background with the Hex color 713D84.

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





Tritanopia
694A50

Trichromacy



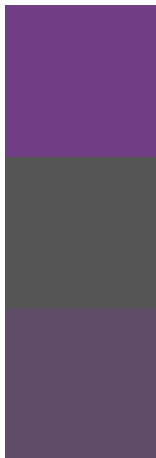
Original Color
713D84

Protanomaly
484A8F

Deuteranomaly
4F4B81

Tritanomaly
6C4563

Monochromacy



Original Color
713D84

Achromatopsia
555555

Achromatomaly
5F4C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 713D84 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 #713D84 looks like.

```
.text, #text, p{  
    color:#713D84  
}
```

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 #713D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713D84
}
```

Border

The CSS property to change the border of an element to Hex 713D84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

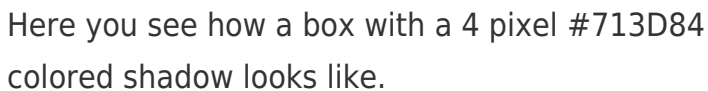
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713D84 }
```

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

```
.border{ border-color:#713D84 }
```

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



Here you see how a box with a 4 pixel #713D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713D84; -webkit-box-shadow:4px 4px  
4px 4px #713D84; box-shadow:4px 4px 4px  
4px #713D84 }
```

Background

The CSS property to change the background color of an element to Hex 713D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713D84 }
```

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

```
.background{ background-color:#713D84 }
```

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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