

Converting Colors

Hex(712357)

Have a look what the booklet for
Hex(712357) contains.

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Color

Hex(712357)

Conversions

Conversions Part 1

Format	Color
Hex	712357
RGB	113, 35, 87
RGB Percent	44%, 14%, 34%
CMY	0.5569, 0.8627, 0.6588
CMYK	0.00, 0.69, 0.23, 0.56
HSL	320°, 53%, 29%
HSV	320°, 69%, 44%
XYZ	9.1314, 5.4009, 9.5780
YIQ	64.2500, 29.7960, 32.7080

Conversions

Conversions Part 2

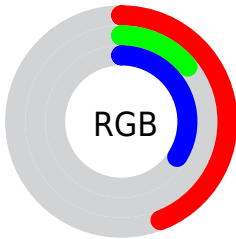
Format	Color
R_{YB}	113, 35, 87
Decimal	7414615
CIE _{Lab}	27.85, 40.00, -13.35
CIE _{LCh}	28, 42.170, 341.546
Yxy	5.4009, 0.3787, 0.2240
Android (android.graphics.Color)	4285604695 (0xFF712357)
YUV	64.2500, 11.2157, 42.7537
Hunter-Lab	23.2398, 29.4665, -8.1678

Details

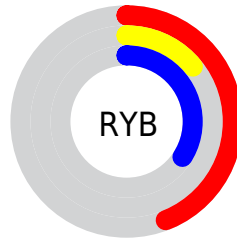
The Hex color **712357** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **23713D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A75689**, and **3E002A** is the 20% darker color. If you saturate the color by 10%, you get **711853**, and if you desaturate by 10%, it is **712E5B**.

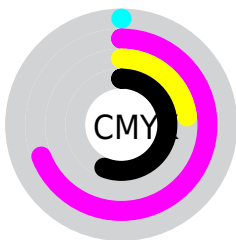
Distribution



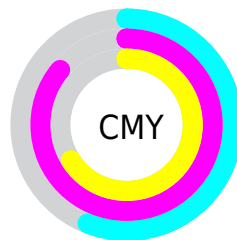
- Red (44%)
- Green (14%)
- Blue (34%)



- Red (44%)
- Yellow (14%)
- Blue (34%)



- Cyan (0%)
- Magenta (69%)
- Yellow (23%)
- Black (56%)



- Cyan (56%)
- Magenta (86%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712357 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 712357 by changing the saturation by 10% instead.

 712357

 712357

FFFFFF

 570440

 A75689

 3E002A

 C370A3

 280015

 E08ABE


 000000


 FDA5DA

 FFC1F7

 FFDDEF

 FFFAFF

 712357

 712357

711853

712E5B

710C4F

713A5F

71014C

714562

71004B

715066

715C6A

71676E

717271

717D75

718979

Harmonies

Analogous

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



523373



712357



7B1E37

Triad

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



712357



454400



004F6C

Complementary

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



712357



23713D

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.



00504E



712357



204B0A

Square

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



712357



613900



004F2C



004B7F

Rectangle

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



712357



782522



004F2C



005063

Sweetspot

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



712357



94758A



3D2371



4A3744



C9C9C9



4A4A4A

Same Dimension

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



712357



94196B



712330



383236



780050



F700A5

Inverse Universe

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



712357



94196B



237164



383236



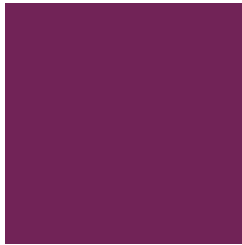
780050



F700A5

Previews

White Background



This preview shows how the Hex color 712357 looks on a white background.

Color Contrast Check

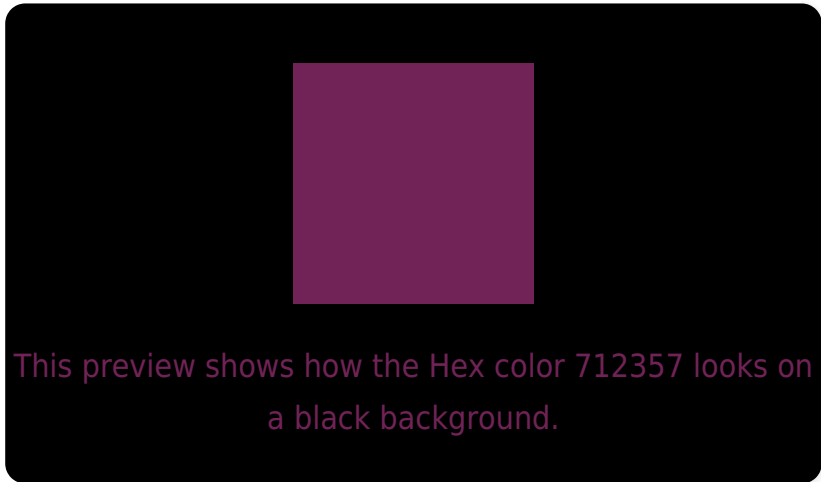
Large Text (above 18pt) WCAG AA ✓ Pass

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

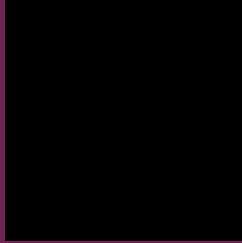
Any Text WCAG AA × Fail

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 712357 Background



This preview shows how black text looks on a background with the Hex color 712357.



This preview shows how white text looks on a background with the Hex color 712357.

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
712357

Protanopia
31426F

Deuteranopia
414253



Tritanopia
6E2E31

Trichromacy



Original Color
712357

Protanomaly
483766

Deuteranomaly
523754

Tritanomaly
6F2A3F

Monochromacy



Original Color
712357

Achromatopsia
404040

Achromatomaly
523548

CSS Examples

Text

The CSS property to change the color of the text to Hex 712357 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 #712357 looks like.

```
.text, #text, p{  
    color:#712357  
}
```

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 #712357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712357
}
```

Border

The CSS property to change the border of an element to Hex 712357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

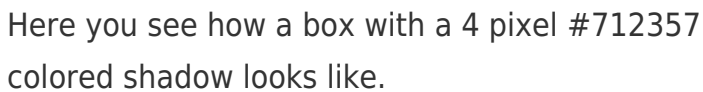
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712357 }
```

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

```
.border{ border-color:#712357 }
```

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



Here you see how a box with a 4 pixel #712357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712357; -webkit-box-shadow:4px 4px  
4px 4px #712357; box-shadow:4px 4px 4px  
4px #712357 }
```

Background

The CSS property to change the background color of an element to Hex 712357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712357 }
```

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

```
.background{ background-color:#712357 }
```

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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