

Converting Colors

Hex(720C27)

Have a look what the booklet for
Hex(720C27) contains.

Hex(720C27)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(720C27)

Conversions

Conversions Part 1

Format	Color
Hex	720C27
RGB	114, 12, 39
RGB Percent	45%, 5%, 15%
CMY	0.5529, 0.9529, 0.8471
CMYK	0.00, 0.89, 0.66, 0.55
HSL	344°, 81%, 25%
HSV	344°, 89%, 45%
XYZ	7.4371, 3.9868, 2.2970
YIQ	45.5760, 52.1250, 30.0210

Conversions

Conversions Part 2

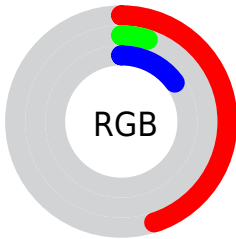
Format	Color
RYB	114, 12, 39
Decimal	7474215
CIELab	23.63, 43.05, 13.06
CIELCh	24, 44.986, 16.878
Yxy	3.9868, 0.5420, 0.2906
Android (android.graphics.Color)	4285664295 (0xFF720C27)
YUV	45.5760, -3.2420, 60.0078
Hunter-Lab	19.9671, 31.5434, 7.1562

Details

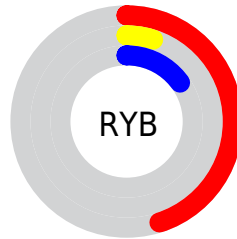
The Hex color **720C27** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0C7257**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **AB4554**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **72011F**, and if you desaturate by 10%, it is **72172F**.

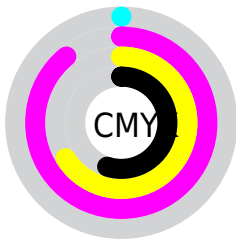
Distribution



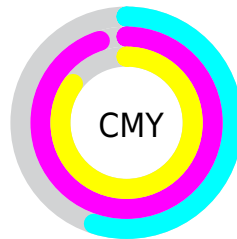
- Red (45%)
- Green (5%)
- Blue (15%)



- Red (45%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (89%)
- Yellow (66%)
- Black (55%)



- Cyan (55%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 720C27 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 720C27 by changing the saturation by 10% instead.

 720C27

 720C27

FFFFFF

 560013

 AB4554

 3C0000

 C85F6C

 1D0001

 E67A85

 000000

 FF949F

 FFB0BA

 FFCCD6

 FFE9F2

 720C27

 720C27

■ 72011F

■ 72172F

■ 72001E

■ 722338

■ 722E40

■ 723A49

■ 724551

■ 725059

■ 725C62

■ 72676A

■ 727372

Harmonies

Analogous

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



6C0F49



720C27



682004

Triad

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



720C27



004301



00417B

Complementary

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



720C27



0C7257

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.



004669



720C27



004628

Square

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



720C27



353C00



00474B



00367A

Rectangle

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



720C27



5B2C00



00474B



004377

Sweetspot

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



720C27



946C77



570C72



4A3239



C9C9C9



4A4A4A

Same Dimension

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



720C27



940027



72240C



383234



780020



F70041

Inverse Universe

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



720C27



940027



0C5A72



383234



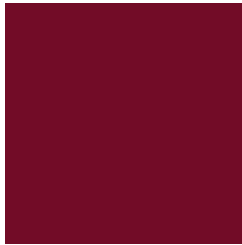
780020



F70041

Previews

White Background



This preview shows how the Hex color 720C27 looks on a white background.

Color Contrast Check

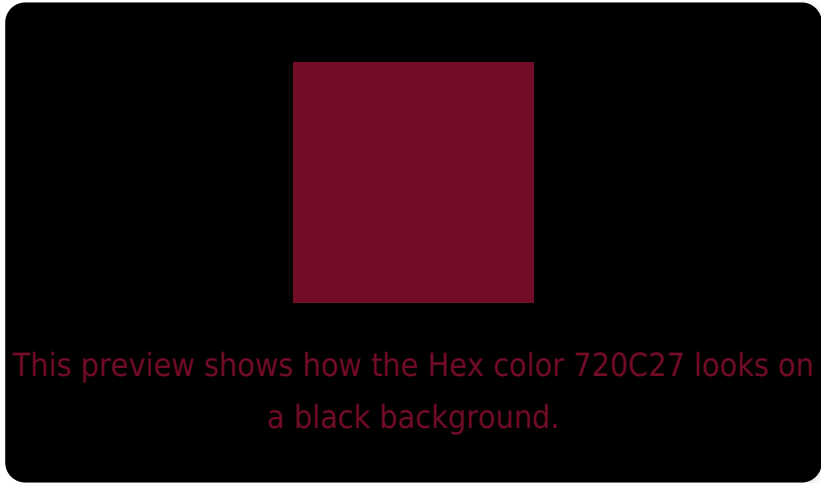
Large Text (above 18pt) WCAG AA ✓ Pass

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 720C27 Background



This preview shows how black text looks on a background with the Hex color 720C27.



This preview shows how white text looks on a background with the Hex color 720C27.

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
720C27

Protanopia
3C3B38

Deuteranopia
483822

Trichromacy



Original Color
720C27

Protanomaly
502A32

Deuteranomaly
572824

Tritanomaly
71101A

Monochromacy



Original Color
720C27

Achromatopsia
2E2E2E

Achromatomaly
47222B

CSS Examples

Text

The CSS property to change the color of the text to Hex 720C27 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 #720C27 looks like.

```
.text, #text, p{  
    color:#720C27  
}
```

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 #720C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #720C27
}
```

Border

The CSS property to change the border of an element to Hex 720C27 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
#720C27 }
```

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

```
.border{ border-color:#720C27 }
```

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

Here you see how a box with a 4 pixel #720C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #720C27; -webkit-box-shadow:4px 4px  
4px 4px #720C27; box-shadow:4px 4px 4px  
4px #720C27 }
```

Background

The CSS property to change the background color of an element to Hex 720C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#720C27 }
```

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

```
.background{ background-color:#720C27 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor