

Converting Colors

Hex(782070)

Have a look what the booklet for
Hex(782070) contains.

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Color

Hex(782070)

Conversions

Conversions Part 1

Format	Color
Hex	782070
RGB	120, 32, 112
RGB Percent	47%, 13%, 44%
CMY	0.5294, 0.8745, 0.5608
CMYK	0.00, 0.73, 0.07, 0.53
HSL	305°, 58%, 30%
HSV	305°, 73%, 47%
XYZ	11.1869, 6.1959, 15.9356
YIQ	67.4320, 26.7680, 43.5360

Conversions

Conversions Part 2

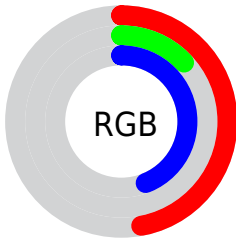
Format	Color
R_{YB}	120, 32, 112
Decimal	7872624
CIE _{Lab}	29.90, 47.18, -26.26
CIE _{LCh}	30, 53.997, 330.904
Yxy	6.1959, 0.3358, 0.1860
Android (android.graphics.Color)	4286062704 (0xFF782070)
YUV	67.4320, 21.9720, 46.1021
Hunter-Lab	24.8917, 36.6615, -20.5331

Details

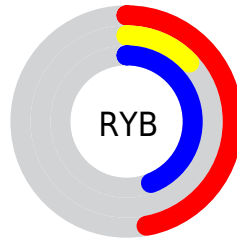
The Hex color **782070** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **207828**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **AF55A4**, and **440040** is the 20% darker color. If you saturate the color by 10%, you get **78146F**, and if you desaturate by 10%, it is **782C71**.

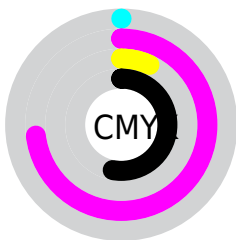
Distribution



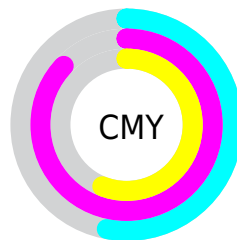
- Red (47%)
- Green (13%)
- Blue (44%)



- Red (47%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (73%)
- Yellow (7%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782070 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 782070 by changing the saturation by 10% instead.

 782070

 782070

FFFFFF

 5E0057

 AF55A4

 440040

 CB70BF

 2E002A

 E88ADB

 000013

 FFA6F8

 000000

 FFC2FF

 FFDEFF

 FFFBFF

 782070

 782070

■ 78146F

■ 782C71

■ 78086E

■ 783872

■ 78006D

■ 784473

■ 785074

■ 785C75

■ 786877

■ 787478

■ 788079

■ 788C7A

Harmonies

Analogous

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



413A8F



782070



8D0447

Triad

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



782070



564500



005871

Complementary

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



782070



207828

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.



005847



782070



2B5000

Square

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



782070



763300



00551A



005590

Rectangle

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



782070



8D0F2C



00551A



005863

Sweetspot

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



782070



9C7998



272078



4F3A4D



CFCFCF



4F4F4F

Same Dimension

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



782070



9C138F



782045



3D373D



7D0072



FC00E6

Inverse Universe

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



782070



9C138F



207853



3D373D



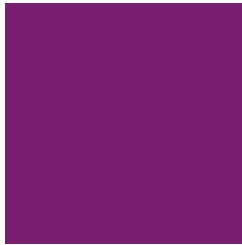
7D0072



FC00E6

Previews

White Background



This preview shows how the Hex color 782070 looks on a white background.

Color Contrast Check

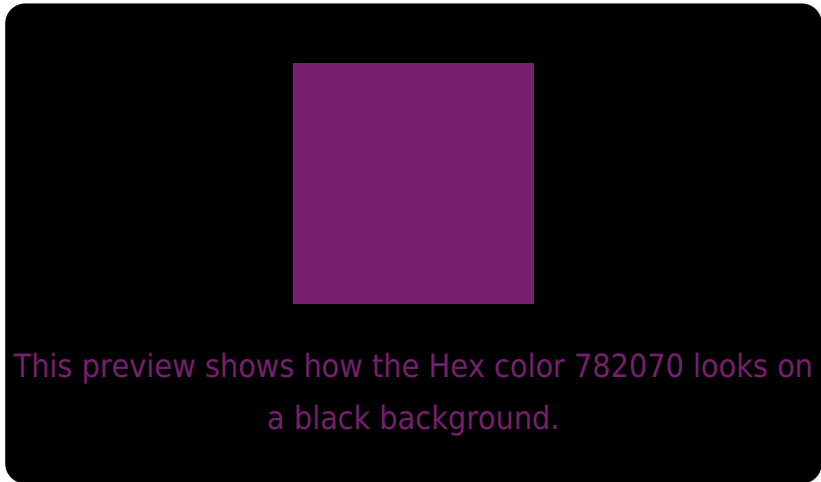
Large Text (above 18pt) WCAG AA ✓ Pass

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

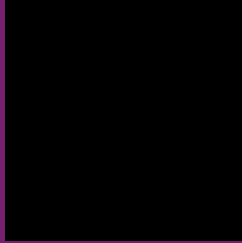
Any Text WCAG AA × Fail

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 782070 Background



This preview shows how black text looks on a background with the Hex color 782070.




This preview shows how white text looks on a background with the Hex color 782070.

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
723437

Trichromacy



Original Color
782070

Protanomaly
353886

Deuteranomaly
50396C

Tritanomaly
742D4C

Monochromacy



Original Color
782070

Achromatopsia
434343

Achromatomaly
563653

CSS Examples

Text

The CSS property to change the color of the text to Hex 782070 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 #782070 looks like.

```
.text, #text, p{  
    color:#782070  
}
```

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 #782070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782070
}
```

Border

The CSS property to change the border of an element to Hex 782070 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
#782070 }
```

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

```
.border{ border-color:#782070 }
```

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

Here you see how a box with a 4 pixel #782070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782070; -webkit-box-shadow:4px 4px  
4px 4px #782070; box-shadow:4px 4px 4px  
4px #782070 }
```

Background

The CSS property to change the background color of an element to Hex 782070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782070 }
```

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

```
.background{ background-color:#782070 }
```

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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