

Converting Colors

Hex(72166C)

Have a look what the booklet for
Hex(72166C) contains.

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Color

Hex(72166C)

Conversions

Conversions Part 1

Format	Color
Hex	72166C
RGB	114, 22, 108
RGB Percent	45%, 9%, 42%
CMY	0.5529, 0.9137, 0.5765
CMYK	0.00, 0.81, 0.05, 0.55
HSL	304°, 68%, 27%
HSV	304°, 81%, 45%
XYZ	9.9331, 5.2339, 14.6741
YIQ	59.3120, 27.2260, 46.2500

Conversions

Conversions Part 2

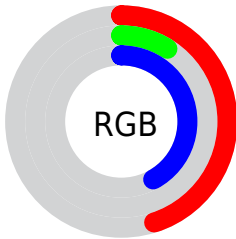
Format	Color
R_{YB}	114, 22, 108
Decimal	7476844
CIE Lab	27.39, 48.48, -27.73
CIE LCh	27, 55.853, 330.235
Yxy	5.2339, 0.3329, 0.1754
Android (android.graphics.Color)	4285666924 (0xFF72166C)
YUV	59.3120, 24.0032, 47.9614
Hunter-Lab	22.8778, 37.4652, -22.0148

Details

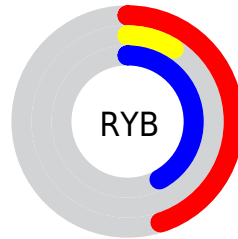
The Hex color **72166C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **16721C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A94EA0**, and **3E003C** is the 20% darker color. If you saturate the color by 10%, you get **720B6B**, and if you desaturate by 10%, it is **72216D**.

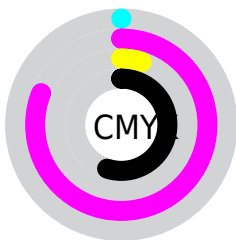
Distribution



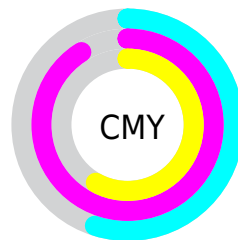
- Red (45%)
- Green (9%)
- Blue (42%)



- Red (45%)
- Yellow (9%)
- Blue (42%)



- Cyan (0%)
- Magenta (81%)
- Yellow (5%)
- Black (55%)



- Cyan (55%)
- Magenta (91%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72166C 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 72166C by changing the saturation by 10% instead.

 72166C

 72166C

FFFFFF

 580053

 A94EA0

 3E003C

 C568BB

 270026

 E283D7

 00010E

 FF9EF3

 000000

 FFBAFF

 FFD6FF

 FFF3FF

 72166C

 72166C

■ 720B6B

■ 72216D

■ 72006B

■ 722D6D

■ 72386E

■ 72446F

■ 724F70

■ 725A70

■ 726671

■ 727172

■ 727D73

Harmonies

Analogous

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



37358C



72166C



880042

Triad

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



72166C



503F00



00526B

Complementary

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



72166C



16721C

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.



005240



72166C



254A00

Square

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



72166C



712C00



004F11



004F8C

Rectangle

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



72166C



880026



004F11



00525D

Sweetspot

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



72166C



947092



1B1672



4A3549



C9C9C9



4A4A4A

Same Dimension

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



72166C



94048B



72163F



383238



780070



F700E7

Inverse Universe

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



72166C



94048B



167249



383238



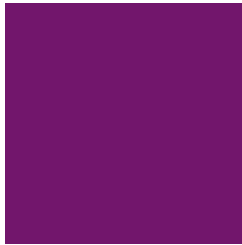
780070



F700E7

Previews

White Background



This preview shows how the Hex color 72166C looks on a white background.

Color Contrast Check

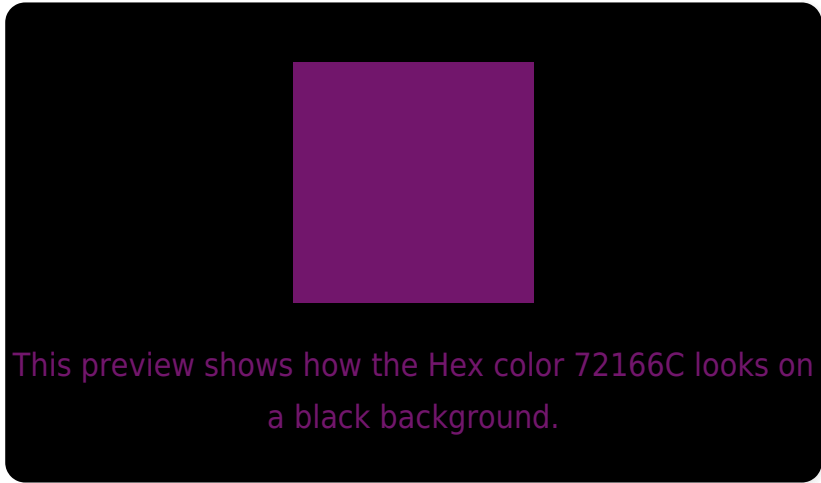
Large Text (above 18pt) WCAG AA ✓ Pass

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

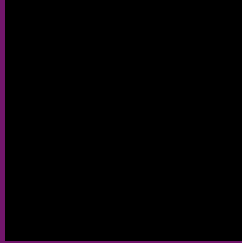
Any Text WCAG AA × Fail

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 72166C Background



This preview shows how black text looks on a background with the Hex color 72166C.

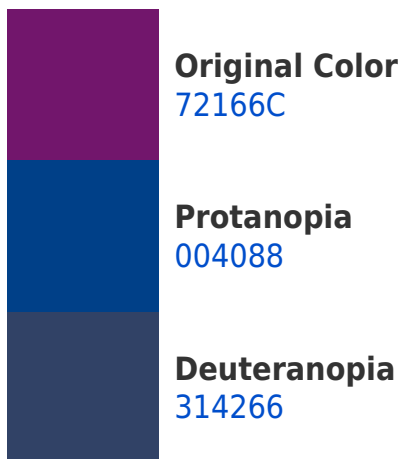


This preview shows how white text looks on a background with the Hex color 72166C.

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



Trichromacy



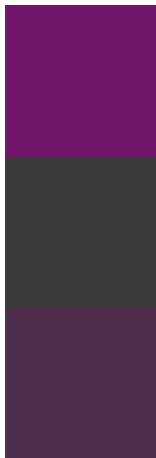
Original Color
72166C

Protanomaly
29317E

Deuteranomaly
493268

Tritanomaly
6E2546

Monochromacy



Original Color
72166C

Achromatopsia
3B3B3B

Achromatomaly
4F2E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 72166C 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 #72166C looks like.

```
.text, #text, p{  
    color:#72166C  
}
```

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 #72166C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72166C
}
```

Border

The CSS property to change the border of an element to Hex 72166C is called "border". The border property can be set on classes, ids or directly on the HTML element.

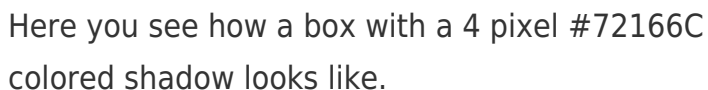
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72166C }
```

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

```
.border{ border-color:#72166C }
```

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



Here you see how a box with a 4 pixel #72166C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72166C; -webkit-box-shadow:4px 4px  
4px 4px #72166C; box-shadow:4px 4px 4px  
4px #72166C }
```

Background

The CSS property to change the background color of an element to Hex 72166C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72166C }
```

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

```
.background{ background-color:#72166C }
```

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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