

Converting Colors

Hex(677200)

Have a look what the booklet for
Hex(677200) contains.

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Color

Hex(677200)

Conversions

Conversions Part 1

Format	Color
Hex	677200
RGB	103, 114, 0
RGB Percent	40%, 45%, 0%
CMY	0.5961, 0.5529, 1.0000
CMYK	0.10, 0.00, 1.00, 0.55
HSL	66°, 100%, 22%
HSV	66°, 100%, 45%
XYZ	11.6108, 14.9182, 2.2675
YIQ	97.7150, 30.0380, -37.7860

Conversions

Conversions Part 2

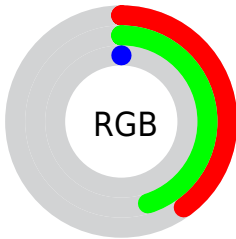
Format	Color
RYB	0, 114, 11
Decimal	6779392
CIELab	45.52, -17.09, 51.05
CIElCh	46, 53.832, 108.509
Yxy	14.9182, 0.4032, 0.5181
Android (android.graphics.Color)	4284969472 (0xFF677200)
YUV	97.7150, -48.1735, 4.6349
Hunter-Lab	38.6241, -13.9330, 23.5561

Details

The Hex color **677200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B0072**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9DA63E**, and **344200** is the 20% darker color. If you saturate the color by 10%, you get **677200**, and if you desaturate by 10%, it is **68720B**.

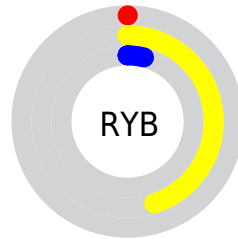
Distribution



Red (40%)

Green (45%)

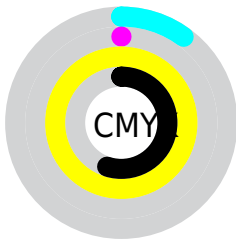
Blue (0%)



Red (0%)

Yellow (45%)

Blue (4%)

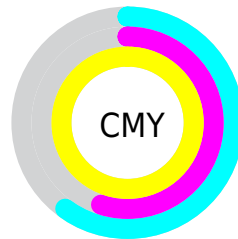


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677200 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 677200 by changing the saturation by 10% instead.

 677200

 677200

FFFFFFE

 4D5A00

 9DA63E

 344200

 B9C158

 1A2C00

 D6DD72

 001900

 F3F98D

 000000

 FFFFA8

 FFFFC4

 FFFFE1

 677200

 68720B

 697217

 6A7222


 6B722E

 6D7239

 6E7244

 6F7250

 70725B

 717267

Harmonies

Analogous

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



906301



677200



2E7B2B

Triad

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



677200



007EAF



B4417F

Complementary

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



677200



0B0072

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.



9053A8



677200



0076C4

Square

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



677200



008187



4667C2



BC4052

Rectangle

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



677200



007E49



4667C2



AB458E

Sweetspot

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



677200



909468



720A00



474A2F



C9C9C9



4A4A4A

Same Dimension

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



677200



869400



2F7200



383832



6C7800



DFF700

Inverse Universe

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



0B0072



0E0094



420072



333238



0C0078



1800F7

Previews

White Background



This preview shows how the Hex color 677200 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 677200 Background



This preview shows how black text looks on a background with the Hex color 677200.



This preview shows how white text looks on a background with the Hex color 677200.

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
677200

Protanopia
7A6C00

Deuteranopia
886613



Tritanopia
6F6A72

Trichromacy



Original Color
677200

Protanomaly
736E00

Deuteranomaly
7C6A0C

Tritanomaly
6C6D49

Monochromacy



Original Color
677200

Achromatopsia
626262

Achromatomaly
64683E

CSS Examples

Text

The CSS property to change the color of the text to Hex 677200 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 #677200 looks like.

```
.text, #text, p{  
    color:#677200  
}
```

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 #677200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677200
}
```

Border

The CSS property to change the border of an element to Hex 677200 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
#677200 }
```

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

```
.border{ border-color:#677200 }
```

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

Here you see how a box with a 4 pixel #677200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677200; -webkit-box-shadow:4px 4px  
4px 4px #677200; box-shadow:4px 4px 4px  
4px #677200 }
```

Background

The CSS property to change the background color of an element to Hex 677200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677200 }
```

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

```
.background{ background-color:#677200 }
```

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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