

Converting Colors

Hex(447200)

Have a look what the booklet for
Hex(447200) contains.

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Color

Hex(447200)

Conversions

Conversions Part 1

Format	Color
Hex	447200
RGB	68, 114, 0
RGB Percent	27%, 45%, 0%
CMY	0.7333, 0.5529, 1.0000
CMYK	0.40, 0.00, 1.00, 0.55
HSL	84°, 100%, 22%
HSV	84°, 100%, 45%
XYZ	8.4012, 13.2636, 2.1173
YIQ	87.2500, 9.1780, -45.2060

Conversions

Conversions Part 2

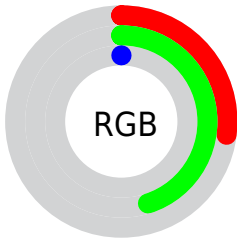
Format	Color
RYB	0, 114, 46
Decimal	4485632
CIELab	43.16, -32.26, 48.21
CIELCh	43, 58.013, 123.790
Yxy	13.2636, 0.3533, 0.5577
Android (android.graphics.Color)	4282675712 (0xFF447200)
YUV	87.2500, -43.0142, -16.8822
Hunter-Lab	36.4192, -22.5570, 22.0464

Details

The Hex color **447200** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E0072**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **79A63D**, and **0C4100** is the 20% darker color. If you saturate the color by 10%, you get **447200**, and if you desaturate by 10%, it is **49720B**.

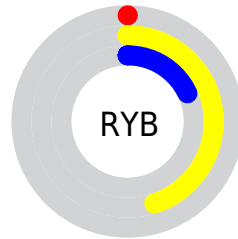
Distribution



Red (27%)

Green (45%)

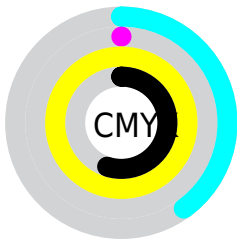
Blue (0%)



Red (0%)

Yellow (45%)

Blue (18%)

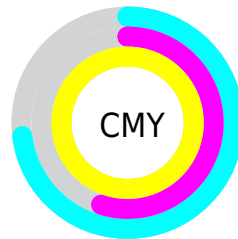


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 447200 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 447200 by changing the saturation by 10% instead.

 447200

 447200

 FFFFFC

 2A5900

 79A63D

 0C4100

 94C257

 002B00

 B0DE71

 001300

 CCFA8C

 000000

 E9FFA7

 FFFFC3

 FFFFDF

 447200

 49720B

 4D7217

 527222

 56722E

 5B7239

 607244

 647250

 69725B

 6D7267

Harmonies

Analogous

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



766600



447200



007939

Triad

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



447200



0076BC



B92F62

Complementary

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



447200



2E0072

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.



A33D91



447200



006AC7

Square

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



447200



007B9A



6C56B6



B53C33

Rectangle

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



447200



007B5A



6C56B6



B53172

Sweetspot

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



447200



829468



722E00



3F4A2F



C9C9C9



4A4A4A

Same Dimension

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



447200



589400



0B7200



363832



477800



94F700

Inverse Universe

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



2E0072



3C0094



670072



353238



300078



6400F7

Previews

White Background



This preview shows how the Hex color 447200 looks on a white background.

Color Contrast Check

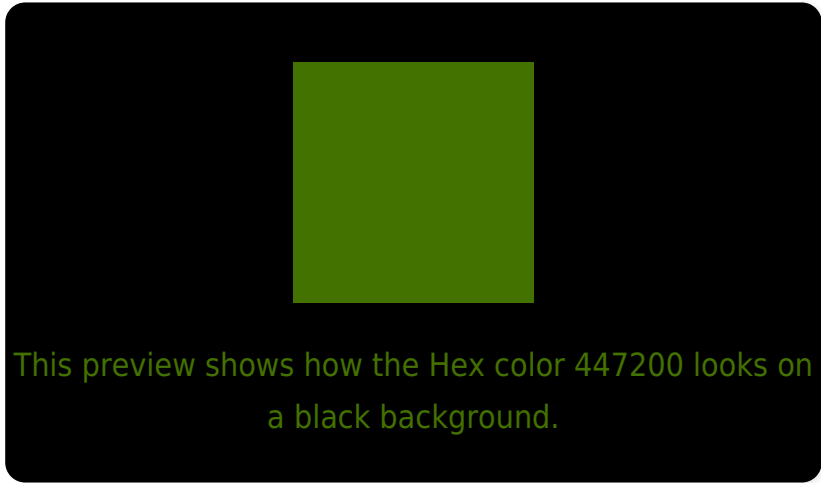
Large Text (above 18pt) WCAG AA ✓ Pass

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 447200 Background



This preview shows how black text looks on a background with the Hex color 447200.



This preview shows how white text looks on a background with the Hex color 447200.

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
447200

Deuteranomaly
6A670F

Tritanomaly
4C6D49

Monochromacy



Original Color
447200

Achromatopsia
575757

Achromatomaly
506137

CSS Examples

Text

The CSS property to change the color of the text to Hex 447200 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 #447200 looks like.

```
.text, #text, p{  
    color:#447200  
}
```

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 #447200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447200
}
```

Border

The CSS property to change the border of an element to Hex 447200 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
#447200 }
```

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

```
.border{ border-color:#447200 }
```

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

Here you see how a box with a 4 pixel #447200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447200; -webkit-box-shadow:4px 4px  
4px 4px #447200; box-shadow:4px 4px 4px  
4px #447200 }
```

Background

The CSS property to change the background color of an element to Hex 447200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447200 }
```

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

```
.background{ background-color:#447200 }
```

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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