

Converting Colors

Hex(407E00)

Have a look what the booklet for
Hex(407E00) contains.

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Color

Hex(407E00)

Conversions

Conversions Part 1

Format	Color
Hex	407E00
RGB	64, 126, 0
RGB Percent	25%, 49%, 0%
CMY	0.7490, 0.5059, 1.0000
CMYK	0.49, 0.00, 1.00, 0.51
HSL	90°, 100%, 25%
HSV	90°, 100%, 49%
XYZ	9.5752, 16.0117, 2.5859
YIQ	93.0980, 3.4940, -52.3300

Conversions

Conversions Part 2

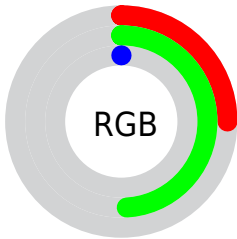
Format	Color
RYB	0, 126, 62
Decimal	4226560
CIELab	46.99, -38.86, 51.11
CIELCh	47, 64.207, 127.241
Yxy	16.0117, 0.3399, 0.5683
Android (android.graphics.Color)	4282416640 (0xFF407E00)
YUV	93.0980, -45.8973, -25.5189
Hunter-Lab	40.0146, -27.3118, 24.1787

Details

The Hex color **407E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E007E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **77B340**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **407E00**, and if you desaturate by 10%, it is **467E0D**.

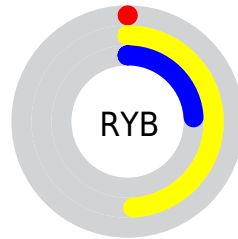
Distribution



Red (25%)

Green (49%)

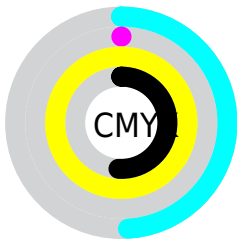
Blue (0%)



Red (0%)

Yellow (49%)

Blue (24%)

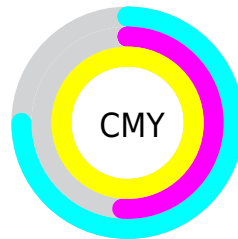


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (75%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407E00 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 407E00 by changing the saturation by 10% instead.

 407E00

 407E00

FFFFFF

 236500

 77B340

 004C00

 92CF5A

 003500

 AEEB75

 002000

 CBFF8F

 000000

 E8FFAB

 FFFFC7

 FFFFE4

 407E00

 467E0D

 4C7E19

 537E26

 597E32

 5F7E3F

 657E4C

 6B7E58

 727E65

 787E71

Harmonies

Analogous

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



7B7100



407E00



008543

Triad

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



407E00



0080D3



CD2F65

Complementary

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



407E00



3E007E

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.



B93D9A



407E00



0072DC

Square

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



407E00



0086B0



7F5AC6



C54231

Rectangle

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



407E00



008769



7F5AC6



CA3077

Sweetspot

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



407E00



8BA372



7E3D00



435234



D1D1D1



525252

Same Dimension

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



407E00



53A300



027E00



3D4039



418000



000000

Inverse Universe

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



3E007E



5000A3



7C007E



3D3940



3F0080



000000

Previews

White Background



This preview shows how the Hex color 407E00 looks on a white background.

Color Contrast Check

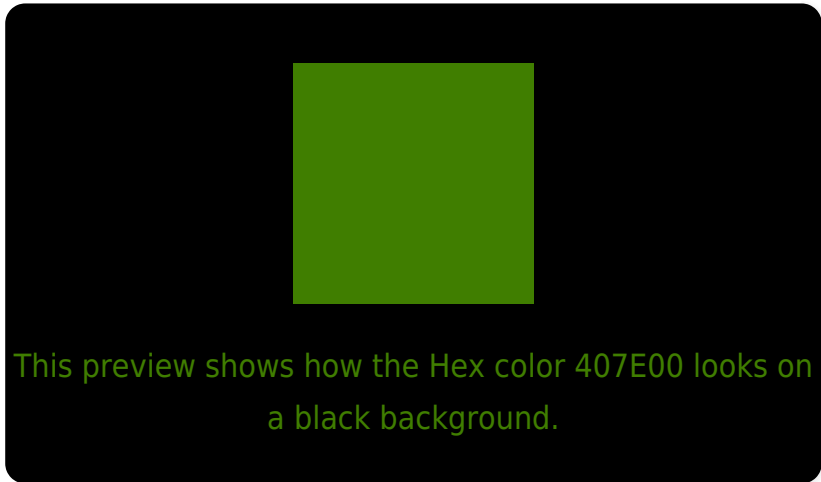
Large Text (above 18pt) WCAG AA ✓ Pass

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 407E00 Background



This preview shows how black text looks on a background with the Hex color 407E00.

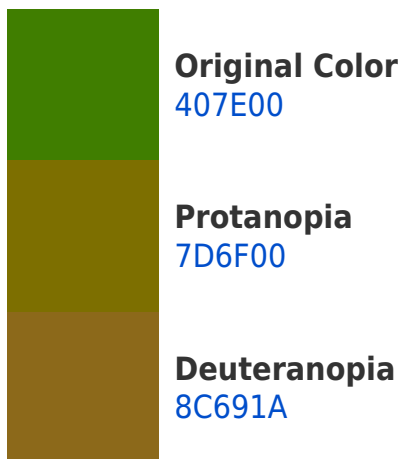



This preview shows how white text looks on a background with the Hex color 407E00.

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](#).

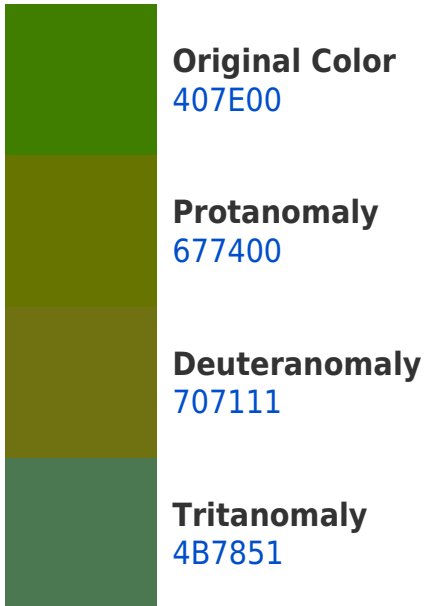
Dichromacy



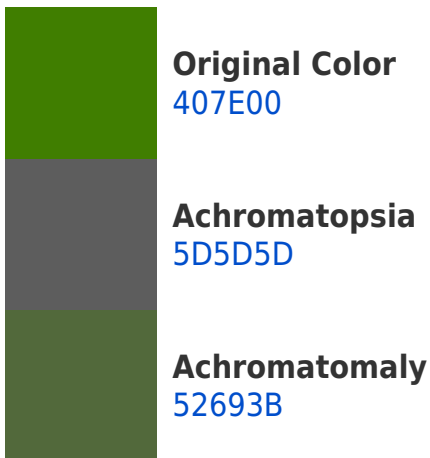


Tritanopia
51757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 407E00 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 #407E00 looks like.

```
.text, #text, p{  
    color:#407E00  
}
```

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 #407E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407E00
}
```

Border

The CSS property to change the border of an element to Hex 407E00 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
#407E00 }
```

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

```
.border{ border-color:#407E00 }
```

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

Here you see how a box with a 4 pixel #407E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407E00; -webkit-box-shadow:4px 4px  
4px 4px #407E00; box-shadow:4px 4px 4px  
4px #407E00 }
```

Background

The CSS property to change the background color of an element to Hex 407E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407E00 }
```

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

```
.background{ background-color:#407E00 }
```

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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