

Converting Colors

Hex(007608)

Have a look what the booklet for
Hex(007608) contains.

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Color

Hex(007608)

Conversions

Conversions Part 1

Format	Color
Hex	007608
RGB	0, 118, 8
RGB Percent	0%, 46%, 3%
CMY	1.0000, 0.5373, 0.9686
CMYK	1.00, 0.00, 0.93, 0.54
HSL	124°, 100%, 23%
HSV	124°, 100%, 46%
XYZ	6.5223, 12.9744, 2.3903
YIQ	70.1780, -35.0180, -59.2260

Conversions

Conversions Part 2

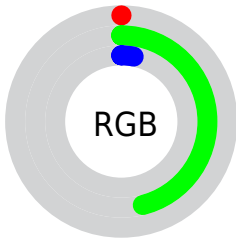
Format	Color
RYB	0, 111, 118
Decimal	30216
CIELab	42.72, -48.42, 45.25
CIELCh	43, 66.272, 136.940
Yxy	12.9744, 0.2980, 0.5928
Android (android.graphics.Color)	4278220296 (0xFF007608)
YUV	70.1780, -30.6538, -61.5461
Hunter-Lab	36.0200, -30.7134, 21.2795

Details

The Hex color **007608** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **76006E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4EAB41**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **007608**, and if you desaturate by 10%, it is **0C7613**.

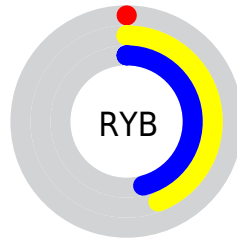
Distribution



Red (0%)

Green (46%)

Blue (3%)



Red (0%)

Yellow (44%)

Blue (46%)

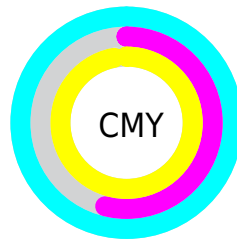


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (54%)



Cyan (100%)

Magenta (54%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007608 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 007608 by changing the saturation by 10% instead.

 007608

 007608

FFFFFF

 005D00

 4EAB41

 004400

 6AC75B

 002E00

 87E475

 001100

 A3FF90

 000000

 C0FFAB

 DDFFC7

 FBF FE3

 007608

 0C7613

 18761E

 237629

 2F7634

 3B763F

 47764A

 537655

 5E7660

 6A766B

Harmonies

Analogous

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



5E6C00



007608



007B4A

Triad

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



007608



0072D1



C31E49

Complementary

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



007608



76006E

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.



B9227F



007608



0061CF

Square

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



007608



007AB5



8C45B1



B23E12

Rectangle

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



007608



007C71



8C45B1



C3185B

Sweetspot

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



007608



6B996E



6E7600



314D33



CCCCCC



4D4D4D

Same Dimension

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



007608



00990A



007643



353B35



007A08



00FA11

Inverse Universe

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



76006E



99008F



760033



3B353A



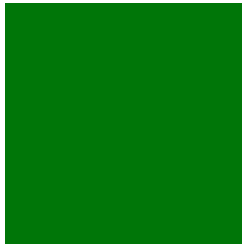
7A0072



FA00E9

Previews

White Background



This preview shows how the Hex color 007608 looks on a white background.

Color Contrast Check

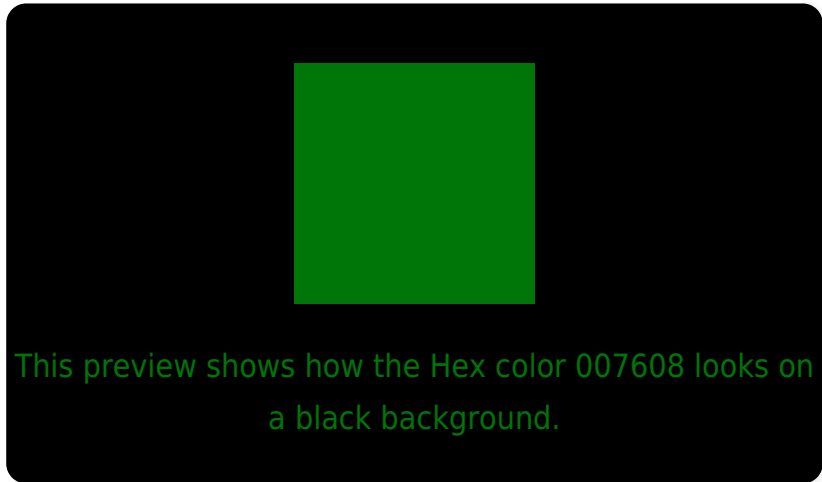
Large Text (above 18pt) WCAG AA ✓ Pass

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 007608 Background



This preview shows how black text looks on a background with the Hex color 007608.



This preview shows how white text looks on a background with the Hex color 007608.

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
007608

Protanopia
726500

Deuteranopia
7F601B



Tritanopia
316E77

Trichromacy



Original Color
007608



Protanomaly
496B03



Deuteranomaly
516814



Tritanomaly
1F714F

Monochromacy



Original Color
007608



Achromatopsia
464646



Achromatomaly
2D572F

CSS Examples

Text

The CSS property to change the color of the text to Hex 007608 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 #007608 looks like.

```
.text, #text, p{  
    color:#007608  
}
```

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 #007608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007608
}
```

Border

The CSS property to change the border of an element to Hex 007608 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
#007608 }
```

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

```
.border{ border-color:#007608 }
```

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

Here you see how a box with a 4 pixel #007608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007608; -webkit-box-shadow:4px 4px  
4px 4px #007608; box-shadow:4px 4px 4px  
4px #007608 }
```

Background

The CSS property to change the background color of an element to Hex 007608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007608 }
```

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

```
.background{ background-color:#007608 }
```

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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