

Converting Colors

Hex(007628)

Have a look what the booklet for
Hex(007628) contains.

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Color

Hex(007628)

Conversions

Conversions Part 1

Format	Color
Hex	007628
RGB	0, 118, 40
RGB Percent	0%, 46%, 16%
CMY	1.0000, 0.5373, 0.8431
CMYK	1.00, 0.00, 0.66, 0.54
HSL	140°, 100%, 23%
HSV	140°, 100%, 46%
XYZ	6.8614, 13.1101, 4.1763
YIQ	73.8260, -45.2900, -49.2740

Conversions

Conversions Part 2

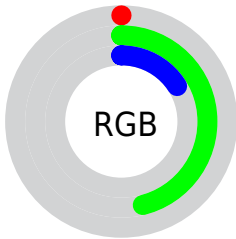
Format	Color
RYB	0, 88, 118
Decimal	30248
CIELab	42.93, -45.81, 34.15
CIELCh	43, 57.141, 143.296
Yxy	13.1101, 0.2841, 0.5429
Android (android.graphics.Color)	4278220328 (0xFF007628)
YUV	73.8260, -16.6762, -64.7454
Hunter-Lab	36.2078, -29.5377, 18.5068

Details

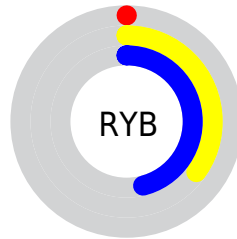
The Hex color **007628** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **76004E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4CAB59**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **007628**, and if you desaturate by 10%, it is **0C7630**.

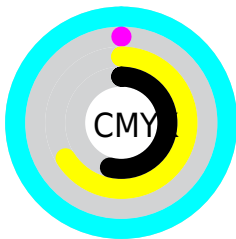
Distribution



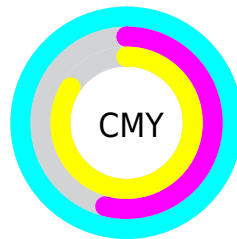
- Red (0%)
- Green (46%)
- Blue (16%)



- Red (0%)
- Yellow (35%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007628 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 007628 by changing the saturation by 10% instead.

 007628

 007628

FFFFFF

 005D0F

 4CAB59

 004400

 68C772

 002D00

 85E38C

 001200

 A1FFA7

 000000

 BDFFC2

 DAFFDE

 F8FFFB

 007628

 0C7630

 187638

 23763F

 2F7647

 3B764F

 477657

 53765F

 5E7666

 6A766E

Harmonies

Analogous

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



576E00



007628



007A59

Triad

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



007628



006EC4



B73643

Complementary

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



007628



76004E

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.



B33272



007628



4C5DBD

Square

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



007628



0077B1



93469F



A54B17

Rectangle

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



007628



007B7A



93469F



B93152

Sweetspot

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



007628



6B997B



4F7600



314D3A



CCCCCC



4D4D4D

Same Dimension

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



007628



009934



007662



353B37



007A29



00FA55

Inverse Universe

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



76004E



990065



760014



3B3539



7A0051



FA00A5

Previews

White Background



This preview shows how the Hex color 007628 looks on a white background.

Color Contrast Check

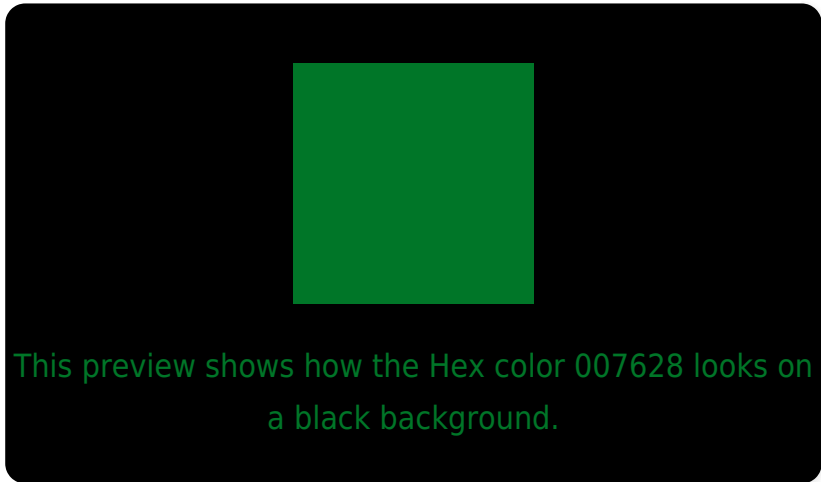
Large Text (above 18pt) WCAG AA ✓ Pass

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 007628 Background



This preview shows how black text looks on a background with the Hex color 007628.



This preview shows how white text looks on a background with the Hex color 007628.

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
007628

Protanopia
716523

Deuteranopia
7D602F



Tritanopia
306E77

Trichromacy



Original Color
007628



Protanomaly
486B25



Deuteranomaly
50682C



Tritanomaly
1F715A

Monochromacy



Original Color
007628



Achromatopsia
4A4A4A



Achromatomaly
2F5A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007628 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 #007628 looks like.

```
.text, #text, p{  
    color:#007628  
}
```

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 #007628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007628
}
```

Border

The CSS property to change the border of an element to Hex 007628 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
#007628 }
```

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

```
.border{ border-color:#007628 }
```

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

Here you see how a box with a 4 pixel #007628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007628; -webkit-box-shadow:4px 4px  
4px 4px #007628; box-shadow:4px 4px 4px  
4px #007628 }
```

Background

The CSS property to change the background color of an element to Hex 007628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007628 }
```

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

```
.background{ background-color:#007628 }
```

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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