

Converting Colors

Hex(007528)

Have a look what the booklet for
Hex(007528) contains.

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Color

Hex(007528)

Conversions

Conversions Part 1

Format	Color
Hex	007528
RGB	0, 117, 40
RGB Percent	0%, 46%, 16%
CMY	1.0000, 0.5412, 0.8431
CMYK	1.00, 0.00, 0.66, 0.54
HSL	141°, 100%, 23%
HSV	141°, 100%, 46%
XYZ	6.7443, 12.8758, 4.1373
YIQ	73.2390, -45.0150, -48.7510

Conversions

Conversions Part 2

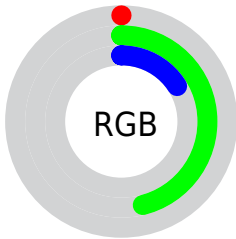
Format	Color
RYB	0, 87, 117
Decimal	29992
CIELab	42.58, -45.48, 33.75
CIELCh	43, 56.638, 143.419
Yxy	12.8758, 0.2839, 0.5420
Android (android.graphics.Color)	4278220072 (0xFF007528)
YUV	73.2390, -16.3868, -64.2306
Hunter-Lab	35.8828, -29.2453, 18.2818

Details

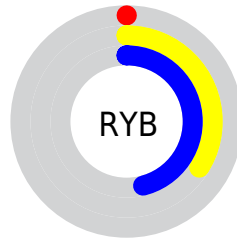
The Hex color **007528** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75004D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4CAA58**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **007528**, and if you desaturate by 10%, it is **0C7530**.

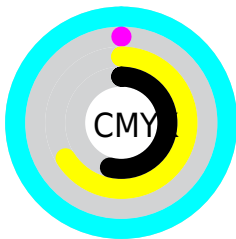
Distribution



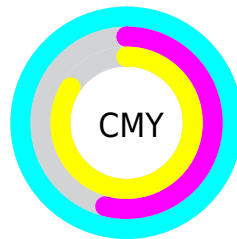
- Red (0%)
- Green (46%)
- Blue (16%)



- Red (0%)
- Yellow (34%)
- 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 007528 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 007528 by changing the saturation by 10% instead.

 007528

 007528

FFFFFF

 005C0F

 4CAA58

 004300

 68C672

 002D00

 84E28C

 001000

 A0FFA7

 000000

 BDFFC2

 DAFFDE

 F7FFFB

 007528

 0C7530

 177537

 23753F

 2F7547

 3B754F

 467556

 52755E

 5E7566

 69756D

Harmonies

Analogous

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



566D00



007528



007958

Triad

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



007528



006DC2



B53642

Complementary

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



007528



75004D

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.



B23271



007528



4C5DBB

Square

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



007528



0076AF



92469D



A34B16

Rectangle

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



007528



007A79



92469D



B73152

Sweetspot

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



007528



6B997B



4E7500



314D3A



CCCCCC



4D4D4D

Same Dimension

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



007528



009934



007561



353B37



007A2A



00FA55

Inverse Universe

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



75004D



990065



750014



3B3539



7A0051



FA00A4

Previews

White Background



This preview shows how the Hex color 007528 looks on a white background.

Color Contrast Check

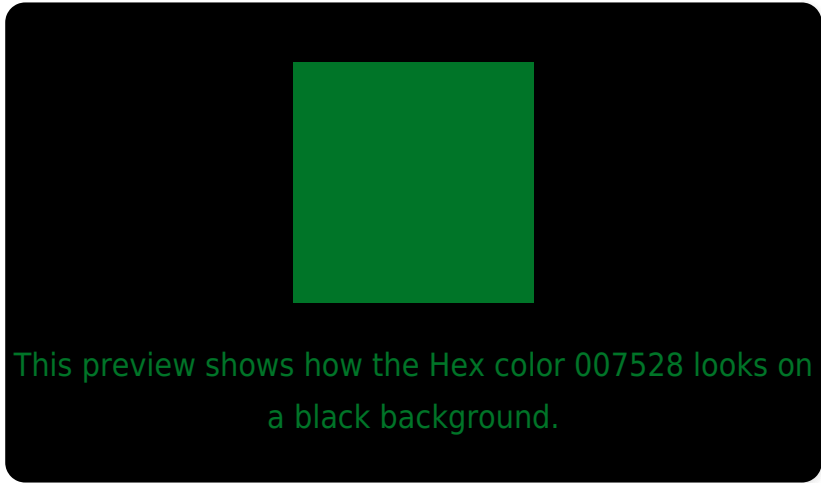
Large Text (above 18pt) WCAG AA ✓ Pass

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

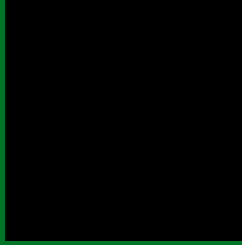
Any Text WCAG AA × Fail

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 007528 Background



This preview shows how black text looks on a background with the Hex color 007528.



This preview shows how white text looks on a background with the Hex color 007528.

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
007528

Protanopia
706523

Deuteranopia
7C5F2F



Tritanopia
2F6D76

Trichromacy



Original Color
007528



Protanomaly
476B25



Deuteranomaly
4F672C



Tritanomaly
1E705A

Monochromacy



Original Color
007528



Achromatopsia
494949



Achromatomaly
2E593D

CSS Examples

Text

The CSS property to change the color of the text to Hex 007528 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 #007528 looks like.

```
.text, #text, p{  
    color:#007528  
}
```

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 #007528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007528
}
```

Border

The CSS property to change the border of an element to Hex 007528 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
#007528 }
```

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

```
.border{ border-color:#007528 }
```

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

Here you see how a box with a 4 pixel #007528 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007528; -webkit-box-shadow:4px 4px  
4px 4px #007528; box-shadow:4px 4px 4px  
4px #007528 }
```

Background

The CSS property to change the background color of an element to Hex 007528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007528 }
```

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

```
.background{ background-color:#007528 }
```

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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