

Converting Colors

Hex(007E28)

Have a look what the booklet for
Hex(007E28) contains.

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Color

Hex(007E28)

Conversions

Conversions Part 1

Format	Color
Hex	007E28
RGB	0, 126, 40
RGB Percent	0%, 49%, 16%
CMY	1.0000, 0.5059, 0.8431
CMYK	1.00, 0.00, 0.68, 0.51
HSL	139°, 100%, 25%
HSV	139°, 100%, 49%
XYZ	7.8439, 15.0749, 4.5038
YIQ	78.5220, -47.4900, -53.4580

Conversions

Conversions Part 2

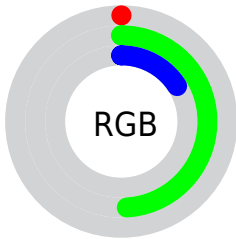
Format	Color
RYB	0, 96, 126
Decimal	32296
CIELab	45.74, -48.42, 37.27
CIELCh	46, 61.104, 142.409
Yxy	15.0749, 0.2860, 0.5497
Android (android.graphics.Color)	4278222376 (0xFF007E28)
YUV	78.5220, -18.9913, -68.8638
Hunter-Lab	38.8264, -31.8850, 20.3009

Details

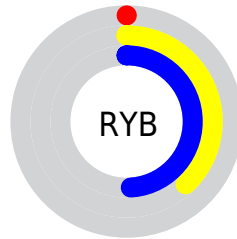
The Hex color **007E28** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E0056**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4FB459**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **007E28**, and if you desaturate by 10%, it is **0D7E31**.

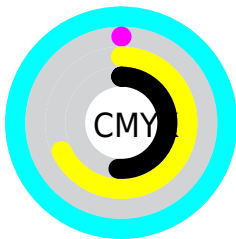
Distribution



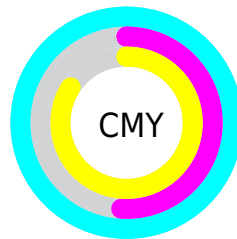
- Red (0%)
- Green (49%)
- Blue (16%)



- Red (0%)
- Yellow (38%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007E28 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 007E28 by changing the saturation by 10% instead.

 007E28

 007E28

FFFFFF

 00640E

 4FB459

 004B00

 6CD073

 003400

 88ED8D

 001C00

 A5FFA8

 000000

 C2FFC4

 DFFFE0

 FDFFFD

 007E28

 0D7E31

 197E39

 267E42


 327E4A

 3F7E53

 4C7E5C

 587E64

 657E6D

 717E75

Harmonies

Analogous

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



5E7500



007E28



00825D

Triad

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



007E28



0076D2



C53749

Complementary

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



007E28



7E0056

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.



C0347C



007E28



4C64CC

Square

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



007E28



0080BD



9C4BAB



B24F18

Rectangle

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



007E28



008381



9C4BAB



C63359

Sweetspot

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



007E28



72A382



567E00



34523E



D1D1D1



525252

Same Dimension

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



007E28



00A334



007E67



39403B



008028



000000

Inverse Universe

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



7E0056



A3006F



7E0017



40393E



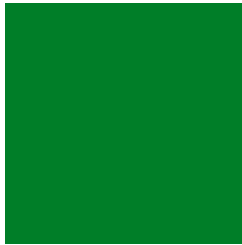
800057



000000

Previews

White Background



This preview shows how the Hex color 007E28 looks on a white background.

Color Contrast Check

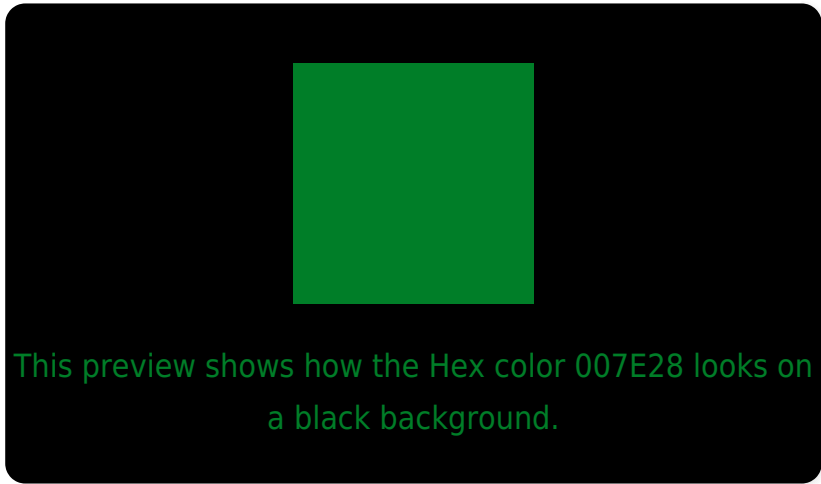
Large Text (above 18pt) WCAG AA ✓ Pass

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 007E28 Background



This preview shows how black text looks on a background with the Hex color 007E28.



This preview shows how white text looks on a background with the Hex color 007E28.

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
007E28

Protanopia
796C23

Deuteranopia
866730



Tritanopia
33767F

Trichromacy



Original Color
007E28



Protanomaly
4D7325



Deuteranomaly
556F2D



Tritanomaly
20795F

Monochromacy



Original Color
007E28



Achromatopsia
4F4F4F



Achromatomaly
326041

CSS Examples

Text

The CSS property to change the color of the text to Hex 007E28 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 #007E28 looks like.

```
.text, #text, p{  
    color:#007E28  
}
```

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 #007E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E28
}
```

Border

The CSS property to change the border of an element to Hex 007E28 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
#007E28 }
```

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

```
.border{ border-color:#007E28 }
```

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

Here you see how a box with a 4 pixel #007E28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E28; -webkit-box-shadow:4px 4px  
4px 4px #007E28; box-shadow:4px 4px 4px  
4px #007E28 }
```

Background

The CSS property to change the background color of an element to Hex 007E28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E28 }
```

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

```
.background{ background-color:#007E28 }
```

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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