

Converting Colors

Hex(008D28)

Have a look what the booklet for
Hex(008D28) contains.

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Color

Hex(008D28)

Conversions

Conversions Part 1

Format	Color
Hex	008D28
RGB	0, 141, 40
RGB Percent	0%, 55%, 16%
CMY	1.0000, 0.4471, 0.8431
CMYK	1.00, 0.00, 0.72, 0.45
HSL	137°, 100%, 28%
HSV	137°, 100%, 55%
XYZ	9.9079, 19.2030, 5.1918
YIQ	87.3270, -51.6150, -61.3030

Conversions

Conversions Part 2

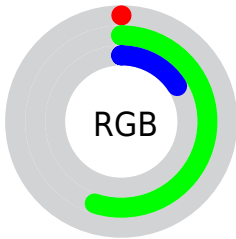
Format	Color
RYB	0, 110, 141
Decimal	36136
CIELab	50.92, -53.15, 42.86
CIELCh	51, 68.278, 141.116
Yxy	19.2030, 0.2888, 0.5598
Android (android.graphics.Color)	4278226216 (0xFF008D28)
YUV	87.3270, -23.3322, -76.5858
Hunter-Lab	43.8212, -36.3286, 23.6503

Details

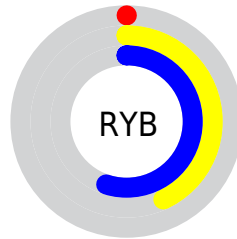
The Hex color **008D28** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8D0065**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54C45B**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **008D28**, and if you desaturate by 10%, it is **0E8D32**.

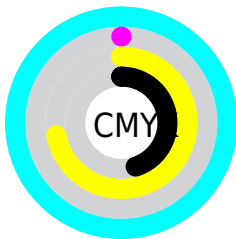
Distribution



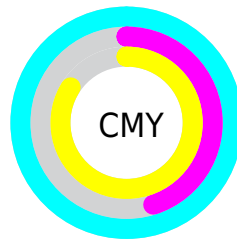
- Red (0%)
- Green (55%)
- Blue (16%)



- Red (0%)
- Yellow (43%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008D28 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 008D28 by changing the saturation by 10% instead.

 008D28

 008D28

FFFFFF

 00730B

 54C45B

 005900

 72E075

 004000

 8FFD8F

 002A00

 ACFFAB

 000600

 C9FFC6

 000000

 E7FFE3

 008D28

 0E8D32

 1C8D3C

 2A8D46

 388D50

 478D5A

 558D65

 638D6F

 718D79

 7F8D83

Harmonies

Analogous

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



6B8300



008D28



009265

Triad

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



008D28



0086ED



DE3A53

Complementary

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



008D28



8D0065

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.



D7388D



008D28



4B71E7

Square

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



008D28



0090D4



AD54C3



C9561B

Rectangle

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



008D28



00938E



AD54C3



DF3566

Sweetspot

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



008D28



81B890



658D00



3B5C44



DBDBDB



5C5C5C

Same Dimension

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



008D28



00B834



008D6E



404742



008726



000802

Inverse Universe

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



8D0065



B80084



8D001F



474045



870061



080005

Previews

White Background



This preview shows how the Hex color 008D28 looks on a white background.

Color Contrast Check

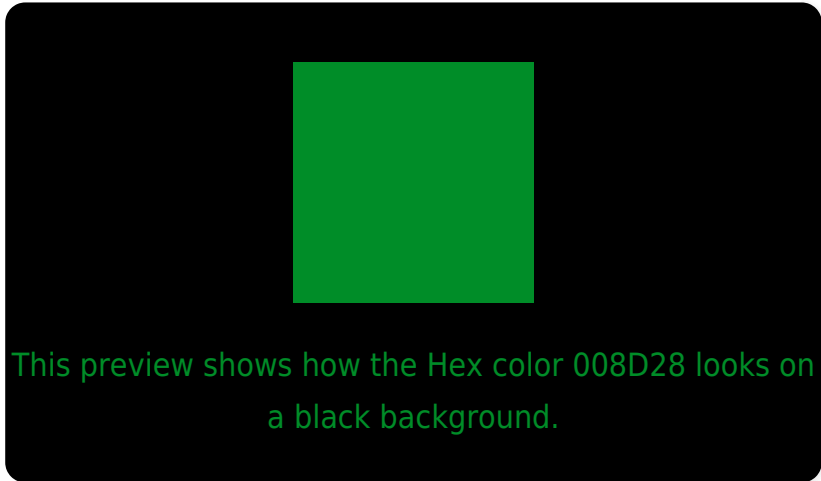
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008D28 Background



This preview shows how black text looks on a background with the Hex color 008D28.



This preview shows how white text looks on a background with the Hex color 008D28.

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
3A848E

Trichromacy



Original Color
008D28



Protanomaly
568025



Deuteranomaly
5F7C2E



Tritanomaly
258769

Monochromacy



Original Color
008D28



Achromatopsia
575757



Achromatomaly
376B46

CSS Examples

Text

The CSS property to change the color of the text to Hex 008D28 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 #008D28 looks like.

```
.text, #text, p{  
    color:#008D28  
}
```

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 #008D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D28
}
```

Border

The CSS property to change the border of an element to Hex 008D28 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
#008D28 }
```

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

```
.border{ border-color:#008D28 }
```

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

Here you see how a box with a 4 pixel #008D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D28; -webkit-box-shadow:4px 4px  
4px 4px #008D28; box-shadow:4px 4px 4px  
4px #008D28 }
```

Background

The CSS property to change the background color of an element to Hex 008D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D28 }
```

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

```
.background{ background-color:#008D28 }
```

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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