

Converting Colors

Hex(02A208)

Have a look what the booklet for
Hex(02A208) contains.

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Color

Hex(02A208)

Conversions

Conversions Part 1

Format	Color
Hex	02A208
RGB	2, 162, 8
RGB Percent	1%, 64%, 3%
CMY	0.9922, 0.3647, 0.9686
CMYK	0.99, 0.00, 0.95, 0.36
HSL	122°, 98%, 32%
HSV	122°, 99%, 64%
XYZ	12.9892, 25.8711, 4.5388
YIQ	96.6040, -45.9260, -81.8140

Conversions

Conversions Part 2

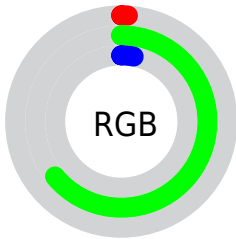
Format	Color
RYB	2, 156, 162
Decimal	172552
CIELab	57.91, -61.05, 58.09
CIELCh	58, 84.275, 136.423
Yxy	25.8711, 0.2993, 0.5961
Android (android.graphics.Color)	4278362632 (0xFF02A208)
YUV	96.6040, -43.6818, -82.9677
Hunter-Lab	50.8636, -43.4273, 30.3139

Details

The Hex color **02A208** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A2029C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5DDA4B**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **00A206**, and if you desaturate by 10%, it is **12A218**.

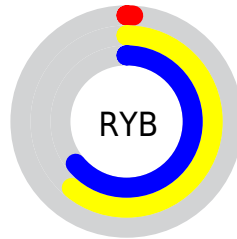
Distribution



Red (1%)

Green (64%)

Blue (3%)



Red (1%)

Yellow (61%)

Blue (64%)

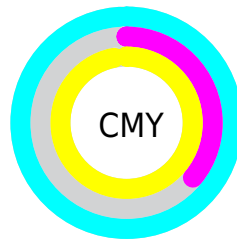


Cyan (99%)

Magenta (0%)

Yellow (95%)

Black (36%)



Cyan (99%)

Magenta (36%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02A208 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 02A208 by changing the saturation by 10% instead.

 02A208

 02A208

FFFFFF

 008700

 5DDA4B

 006D00

 7CF766

 005300

 9AFF81

 003B00

 B8FF9D

 002300

 D6FFB9

 000000

 F5FFD6

 FFFFF3

 02A208

 02A208

■ 00A206

■ 12A218

■ 22A227

■ 33A237

■ 43A246

■ 53A256

■ 63A266

■ 73A275

■ 84A285

■ 94A294

Harmonies

Analogous

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



839400



02A208



00A966

Triad

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



02A208



009EFF



FF2966

Complementary

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



02A208



A2029C

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.



FB30B0



02A208



0087FF

Square

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



02A208



00A8F6



BE60F2



F3561D

Rectangle

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



02A208



00AA9A



BE60F2



FF207F

Sweetspot

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



02A208



94D497



9DA202



456B46



EBEBEB



6B6B6B

Same Dimension

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



02A208



00D408



02A257



49524A



009105



001201

Inverse Universe

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



A2029C



D400CC



A2024D



524951



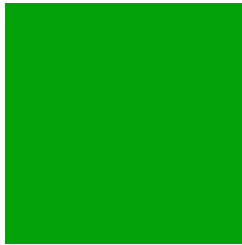
91008C



120011

Previews

White Background



This preview shows how the Hex color 02A208 looks on a white background.

Color Contrast Check

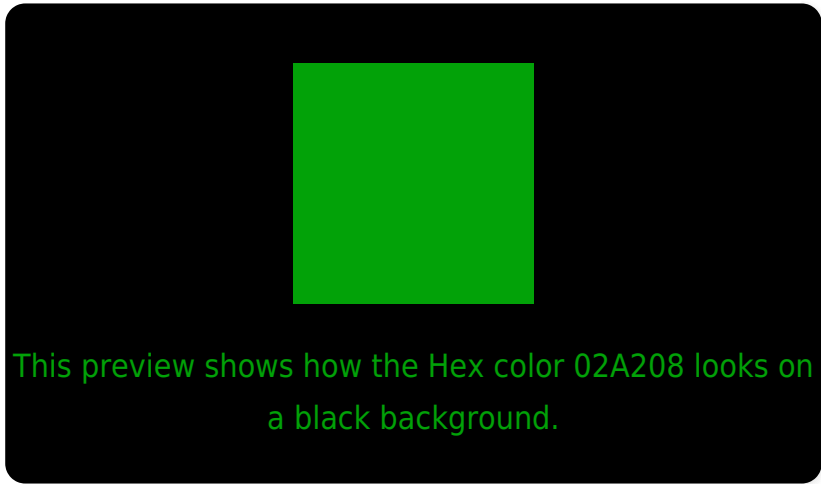
Large Text (above 18pt) WCAG AA ✓ Pass

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 02A208 Background



This preview shows how black text looks on a background with the Hex color 02A208.



This preview shows how white text looks on a background with the Hex color 02A208.

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
02A208

Protanopia
9C8B00

Deuteranopia
AE8324



Tritanopia
4497A3

Trichromacy



Original Color
02A208



Protanomaly
649303



Deuteranomaly
6F8E1A



Tritanomaly
2C9B6B

Monochromacy



Original Color
02A208



Achromatopsia
616161



Achromatomaly
3E7941

CSS Examples

Text

The CSS property to change the color of the text to Hex 02A208 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 #02A208 looks like.

```
.text, #text, p{  
    color:#02A208  
}
```

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 #02A208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02A208
}
```

Border

The CSS property to change the border of an element to Hex 02A208 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".

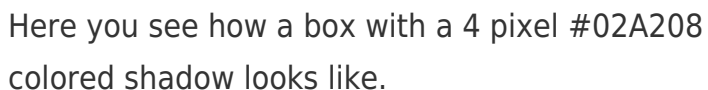
```
.border, #border, table{ border:4px solid
#02A208 }
```

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

```
.border{ border-color:#02A208 }
```

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

Here you see how a box with a 4 pixel #02A208 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02A208; -webkit-box-shadow:4px 4px  
4px 4px #02A208; box-shadow:4px 4px 4px  
4px #02A208 }
```

Background

The CSS property to change the background color of an element to Hex 02A208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02A208 }
```

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

```
.background{ background-color:#02A208 }
```

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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