

Converting Colors

Hex(0D8218)

Have a look what the booklet for
Hex(0D8218) contains.

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Color

Hex(0D8218)

Conversions

Conversions Part 1

Format	Color
Hex	0D8218
RGB	13, 130, 24
RGB Percent	5%, 51%, 9%
CMY	0.9490, 0.4902, 0.9059
CMYK	0.90, 0.00, 0.82, 0.49
HSL	126°, 82%, 28%
HSV	126°, 90%, 51%
XYZ	8.3135, 16.1168, 3.5368
YIQ	82.9330, -35.7060, -57.7700

Conversions

Conversions Part 2

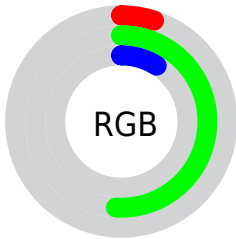
Format	Color
RYB	13, 120, 130
Decimal	885272
CIELab	47.13, -50.15, 45.03
CIELCh	47, 67.399, 138.083
Yxy	16.1168, 0.2973, 0.5763
Android (android.graphics.Color)	4279075352 (0xFF0D8218)
YUV	82.9330, -29.0540, -61.3312
Hunter-Lab	40.1457, -33.2907, 22.8785

Details

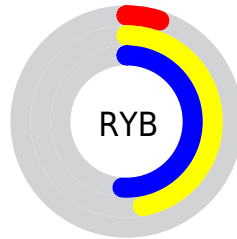
The Hex color **0D8218** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **820D77**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **55B84D**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **00820C**, and if you desaturate by 10%, it is **1A8224**.

Distribution



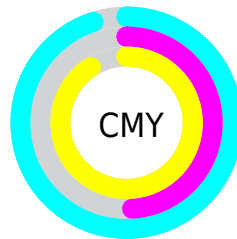
- Red (5%)
- Green (51%)
- Blue (9%)



- Red (5%)
- Yellow (47%)
- Blue (51%)



- Cyan (90%)
- Magenta (0%)
- Yellow (82%)
- Black (49%)



- Cyan (95%)
- Magenta (49%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D8218 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 0D8218 by changing the saturation by 10% instead.

 0D8218

 0D8218

FFFFFF

 006800

 55B84D

 004F00

 72D467

 003700

 8EF181

 002000

 ABFF9C

 000000

 C8FFB7

 E6FFD4

 FFFFF0

 0D8218

 0D8218

■ 00820C

■ 1A8224

■ 278230

■ 34823B

■ 418247

■ 4E8253

■ 5B825F

■ 68826A

■ 758276

■ 828282

Harmonies

Analogous

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



677700



0D8218



008756

Triad

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



0D8218



007DE0



D22D50

Complementary

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



0D8218



820D77

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.



C82F89



0D8218



286BDD

Square

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



0D8218



0086C4



9B4EBC



C04A19

Rectangle

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



0D8218



00887E



9B4EBC



D22863

Sweetspot

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



0D8218



7BA87F



78820D



39543C



D4D4D4



545454

Same Dimension

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



0D8218



00A810



0D8251



39403A



00800C



000000

Inverse Universe

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



820D77



A80098



820D3E



40393F



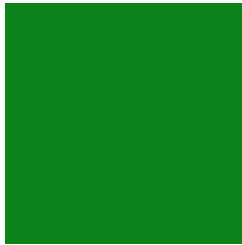
800074



000000

Previews

White Background



This preview shows how the Hex color 0D8218 looks on a white background.

Color Contrast Check

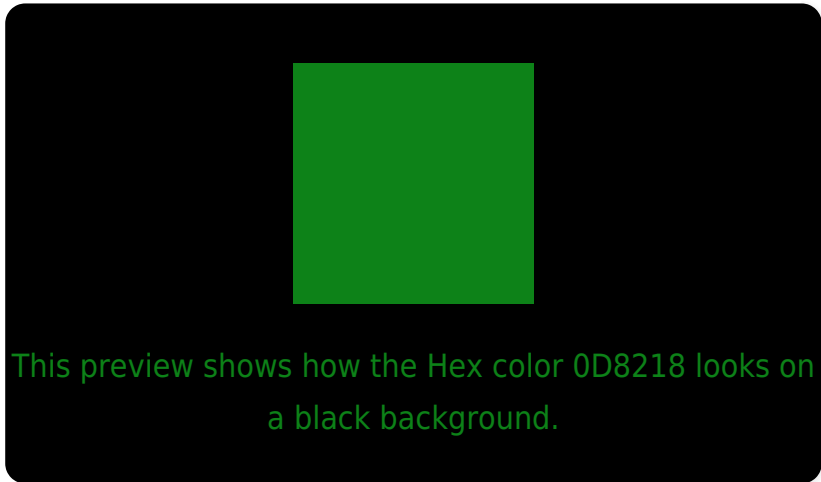
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D8218 Background



This preview shows how black text looks on a background with the Hex color 0D8218.



This preview shows how white text looks on a background with the Hex color 0D8218.

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
0D8218

Protanopia
7D6F13

Deuteranopia
8B6A24

Trichromacy



Original Color
0D8218



Protanomaly
547615



Deuteranomaly
5D7320

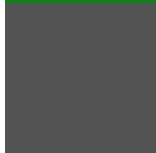


Tritanomaly
287C5C

Monochromacy



Original Color
0D8218



Achromatopsia
535353



Achromatomaly
3A643E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D8218 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 #0D8218 looks like.

```
.text, #text, p{  
    color:#0D8218  
}
```

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 #0D8218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8218
}
```

Border

The CSS property to change the border of an element to Hex 0D8218 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
#0D8218 }
```

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

```
.border{ border-color:#0D8218 }
```

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

Here you see how a box with a 4 pixel #0D8218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8218; -webkit-box-shadow:4px 4px  
4px 4px #0D8218; box-shadow:4px 4px 4px  
4px #0D8218 }
```

Background

The CSS property to change the background color of an element to Hex 0D8218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8218 }
```

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

```
.background{ background-color:#0D8218 }
```

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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