

Converting Colors

Hex(218C27)

Have a look what the booklet for
Hex(218C27) contains.

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Color

Hex(218C27)

Conversions

Conversions Part 1

Format	Color
Hex	218C27
RGB	33, 140, 39
RGB Percent	13%, 55%, 15%
CMY	0.8706, 0.4510, 0.8471
CMYK	0.76, 0.00, 0.72, 0.45
HSL	123°, 62%, 34%
HSV	123°, 76%, 55%
XYZ	10.3715, 19.2260, 5.0838
YIQ	96.4930, -31.3510, -54.0950

Conversions

Conversions Part 2

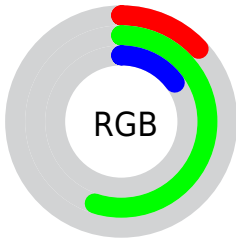
Format	Color
R_{YB}	33, 134, 140
Decimal	2198567
CIE _{Lab}	50.95, -49.65, 43.41
CIE _{LCh}	51, 65.954, 138.833
Yxy	19.2260, 0.2991, 0.5544
Android (android.graphics.Color)	4280388647 (0xFF218C27)
YUV	96.4930, -28.3440, -55.6834
Hunter-Lab	43.8474, -34.5114, 23.8189

Details

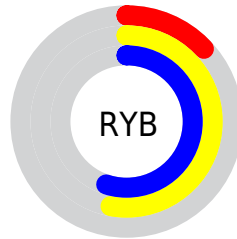
The Hex color **218C27** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C2186**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **60C35A**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **138C1A**, and if you desaturate by 10%, it is **2F8C34**.

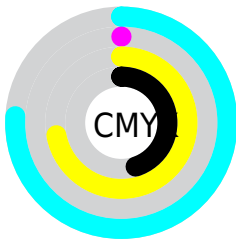
Distribution



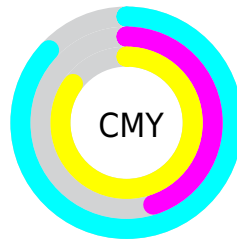
- Red (13%)
- Green (55%)
- Blue (15%)



- Red (13%)
- Yellow (53%)
- Blue (55%)



- Cyan (76%)
- Magenta (0%)
- Yellow (72%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218C27 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 218C27 by changing the saturation by 10% instead.

 218C27

 218C27

FFFFFF

 007209

 60C35A

 005800

 7DDF74

 004000

 99FC8F

 002A00

 B6FFAA

 000700

 D3FFC6

 000000

 F1FFE2

 218C27

 218C27

 138C1A

 2F8C34

■ 058C0D

■ 3D8C41

■ 008C08

■ 4B8C4F

■ 598C5C

■ 678C69

■ 758C76

■ 838C84

■ 918C91

■ 9F8C9E

Harmonies

Analogous

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



718100



218C27



009162

Triad

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



218C27



0086E8



DC3D59

Complementary

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



218C27



8C2186

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.



D33E91



218C27



4374E5

Square

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



218C27



0090CE



A758C4



C95624

Rectangle

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



218C27



009389



A758C4



DC396B

Sweetspot

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



218C27



8BB58E



878C21



425C44



DBDBDB



5C5C5C

Same Dimension

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



218C27



0EB518



218C5C



3E453E



008507



000500

Inverse Universe

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



8C2186



B50EAC



8C2151



453E44



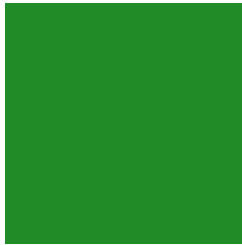
85007D



050005

Previews

White Background



This preview shows how the Hex color 218C27 looks on a white background.

Color Contrast Check

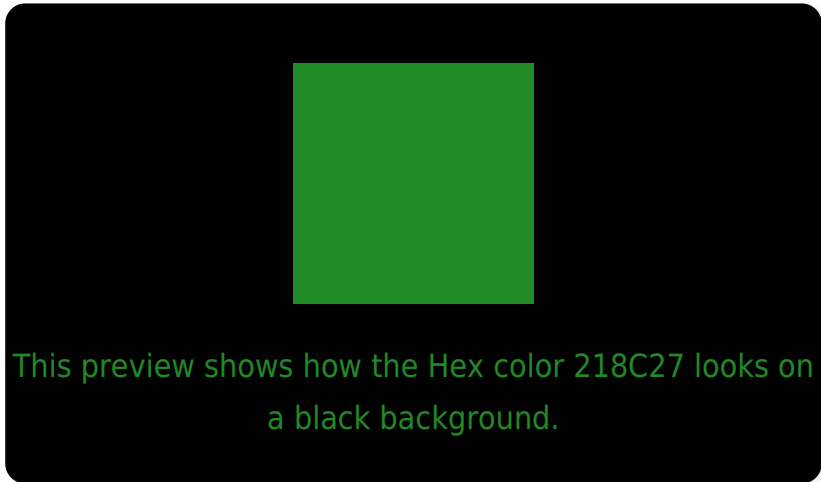
Large Text (above 18pt) WCAG AA ✓ Pass

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

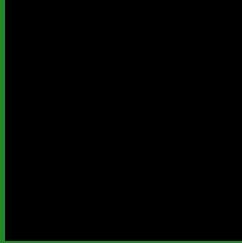
Any Text WCAG AA ✓ Pass

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 218C27 Background



This preview shows how black text looks on a background with the Hex color 218C27.



This preview shows how white text looks on a background with the Hex color 218C27.

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
218C27

Protanopia
877922

Deuteranopia
967330



Tritanopia
41838D

Trichromacy



Original Color
218C27



Protanomaly
628024



Deuteranomaly
6B7C2D



Tritanomaly
358668

Monochromacy



Original Color
218C27



Achromatopsia
606060



Achromatomaly
49704B

CSS Examples

Text

The CSS property to change the color of the text to Hex 218C27 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 #218C27 looks like.

```
.text, #text, p{  
    color:#218C27  
}
```

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 #218C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218C27
}
```

Border

The CSS property to change the border of an element to Hex 218C27 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
#218C27 }
```

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

```
.border{ border-color:#218C27 }
```

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

Here you see how a box with a 4 pixel #218C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218C27; -webkit-box-shadow:4px 4px  
4px 4px #218C27; box-shadow:4px 4px 4px  
4px #218C27 }
```

Background

The CSS property to change the background color of an element to Hex 218C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218C27 }
```

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

```
.background{ background-color:#218C27 }
```

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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