

Converting Colors

Hex(218730)

Have a look what the booklet for
Hex(218730) contains.

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Color

Hex(218730)

Conversions

Conversions Part 1

Format	Color
Hex	218730
RGB	33, 135, 48
RGB Percent	13%, 53%, 19%
CMY	0.8706, 0.4706, 0.8118
CMYK	0.76, 0.00, 0.64, 0.47
HSL	129°, 61%, 33%
HSV	129°, 76%, 53%
XYZ	9.8247, 17.8647, 5.7267
YIQ	94.5840, -32.8650, -48.6810

Conversions

Conversions Part 2

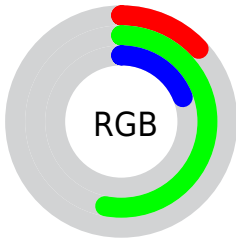
Format	Color
RYB	33, 122, 135
Decimal	2197296
CIELab	49.33, -46.95, 37.71
CIELCh	49, 60.214, 141.229
Yxy	17.8647, 0.2940, 0.5346
Android (android.graphics.Color)	4280387376 (0xFF218730)
YUV	94.5840, -22.9659, -54.0092
Hunter-Lab	42.2666, -32.4751, 21.5534

Details

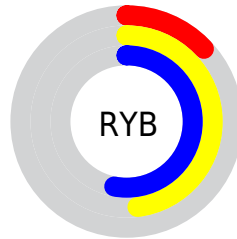
The Hex color **218730** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **872178**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5EBD62**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **138724**, and if you desaturate by 10%, it is **2F873C**.

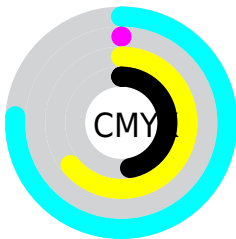
Distribution



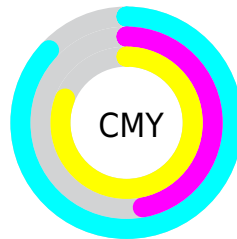
- Red (13%)
- Green (53%)
- Blue (19%)



- Red (13%)
- Yellow (48%)
- Blue (53%)



- Cyan (76%)
- Magenta (0%)
- Yellow (64%)
- Black (47%)



- Cyan (87%)
- Magenta (47%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218730 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 218730 by changing the saturation by 10% instead.

 218730

 218730

FFFFFF

 006D17

 5EBD62

 005400

 7BD97B

 003B00

 97F696

 002600

 B3FFB1

 000000

 D0FFCD

 EEFFE9

 218730

 218730

 138724

 2F873C

■ 068719

■ 3C8747

■ 008714

■ 4A8753

■ 57875E

■ 65876A

■ 728775

■ 808781

■ 8D878C

■ 9B8798

Harmonies

Analogous

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



6A7E00



218730



008C64

Triad

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



218730



0080DB



CF4354

Complementary

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



218730



872178

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.



C84187



218730



536ED5

Square

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



218730



0089C4



A356B6



BD5825

Rectangle

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



218730



008D88



A356B6



D03F64

Sweetspot

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



218730



87B08D



798721



405944



D9D9D9



595959

Same Dimension

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



218730



10B027



218762



3C423D



008213



000300

Inverse Universe

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



872178



B01098



872146



423C41



82006F



030002

Previews

White Background



This preview shows how the Hex color 218730 looks on a white background.

Color Contrast Check

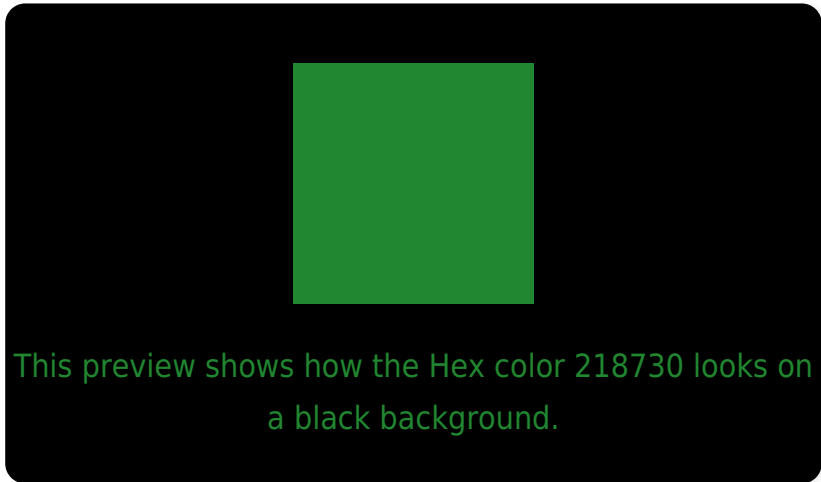
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 218730 Background



This preview shows how black text looks on a background with the Hex color 218730.

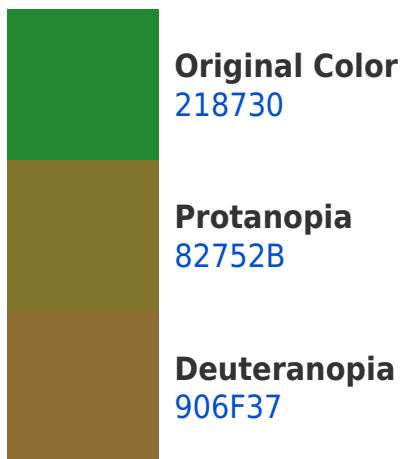


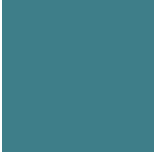
This preview shows how white text looks on a background with the Hex color 218730.

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
3E7E89

Trichromacy



Original Color
218730

Protanomaly
5F7C2D

Deuteranomaly
687834

Tritanomaly
338169

Monochromacy



Original Color
218730

Achromatopsia
5F5F5F

Achromatomaly
486E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 218730 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 #218730 looks like.

```
.text, #text, p{  
    color:#218730  
}
```

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 #218730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218730
}
```

Border

The CSS property to change the border of an element to Hex 218730 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
#218730 }
```

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

```
.border{ border-color:#218730 }
```

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

Here you see how a box with a 4 pixel #218730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218730; -webkit-box-shadow:4px 4px  
4px 4px #218730; box-shadow:4px 4px 4px  
4px #218730 }
```

Background

The CSS property to change the background color of an element to Hex 218730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218730 }
```

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

```
.background{ background-color:#218730 }
```

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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