

Converting Colors

Hex(218FA7)

Have a look what the booklet for
Hex(218FA7) contains.

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Color

Hex(218FA7)

Conversions

Conversions Part 1

Format	Color
Hex	218FA7
RGB	33, 143, 167
RGB Percent	13%, 56%, 65%
CMY	0.8706, 0.4392, 0.3451
CMYK	0.80, 0.14, 0.00, 0.35
HSL	191°, 67%, 39%
HSV	191°, 80%, 65%
XYZ	17.4247, 22.7583, 40.0336
YIQ	112.8460, -73.2640, -15.8560

Conversions

Conversions Part 2

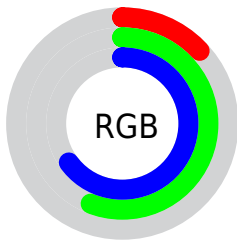
Format	Color
RYB	33, 93, 167
Decimal	2199463
CIELab	54.82, -21.23, -21.17
CIELCh	55, 29.983, 224.922
Yxy	22.7583, 0.2172, 0.2837
Android (android.graphics.Color)	4280389543 (0xFF218FA7)
YUV	112.8460, 26.6979, -70.0249
Hunter-Lab	47.7056, -18.2869, -16.3611




Details

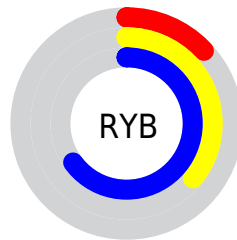
The Hex color **218FA7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A73921**, and the grayscale version is **717171**.




A 20% lighter version of the original color is **66C5DE**, and **005C73** is the 20% darker color. If you saturate the color by 10%, you get **108CA7**, and if you desaturate by 10%, it is **3292A7**.

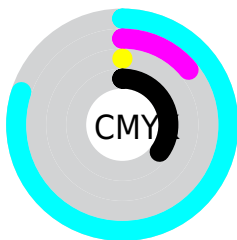
Distribution







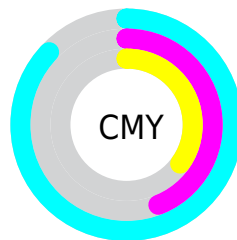
-  Red (13%)
-  Green (56%)
-  Blue (65%)






-  Red (13%)
-  Yellow (36%)
-  Blue (65%)



-  Cyan (80%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (87%)
-  Magenta (44%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218FA7 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 218FA7 by changing the saturation by 10% instead.

■ 218FA7

■ 218FA7

FFFFFF

■ 00758D

■ 66C5DE

■ 005C73

■ 83E1FB

■ 00455A

■ A1FEFF

■ 002E43

■ BEFFFF

■ 001B2C

■ DCFFFF

■ 000118

■ FAFFFF

■ 000000

■ 218FA7

■ 218FA7

■ 108CA7

■ 3292A7

0089A7

4295A7

5398A7

649BA7

749EA7

85A1A7

96A4A7

A7A7A7

B7AAA7

Harmonies

Analogous

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



289190



218FA7



488AB5

Triad

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



218FA7



AE7191



888650

Complementary

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



218FA7



A73921

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.



A07D51



218FA7



B66F77

Square

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



218FA7



9778A8



B17560



6A8C5E

Rectangle

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



218FA7



6584B7



B17560



90834F

Sweetspot

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



218FA7



A5CFD9



21A737



4E686E



EDEDED



6E6E6E

Same Dimension

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



218FA7



09B3D9



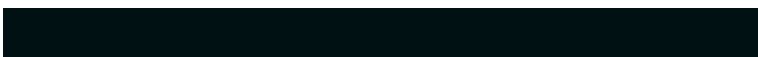
214EA7



4C5354



007994



001114

Inverse Universe

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



A7218F



D909B3



A77A21



544C53



940079



140011

Previews

White Background



This preview shows how the Hex color 218FA7 looks on a white background.

Color Contrast Check

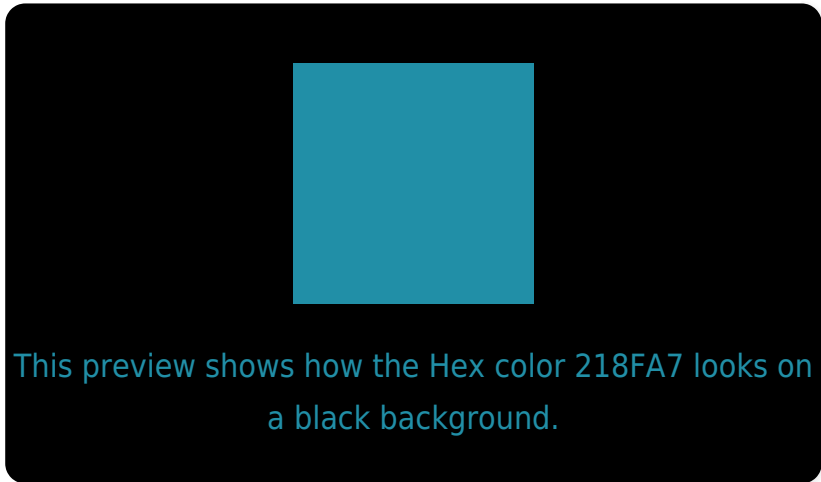
Large Text (above 18pt) WCAG AA ✓ Pass

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

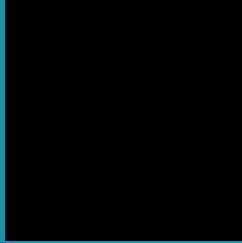
Any Text WCAG AA ✓ Pass

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 218FA7 Background



This preview shows how black text looks on a background with the Hex color 218FA7.

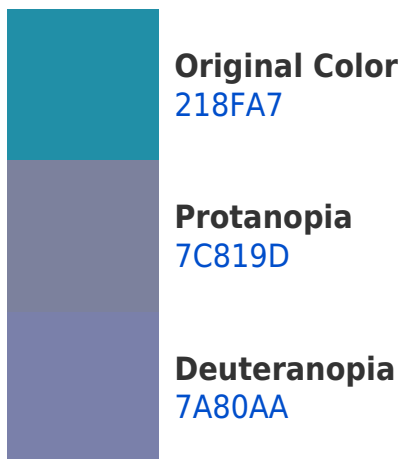


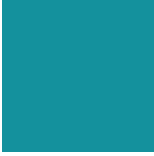
This preview shows how white text looks on a background with the Hex color 218FA7.

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](#).

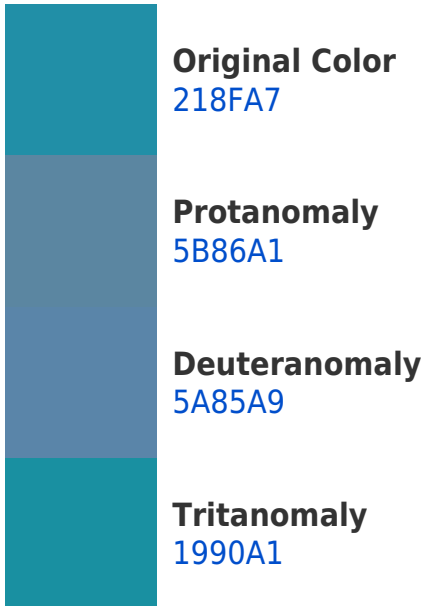
Dichromacy





Tritanopia
14919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218FA7 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 #218FA7 looks like.

```
.text, #text, p{  
    color:#218FA7  
}
```

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 #218FA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218FA7
}
```

Border

The CSS property to change the border of an element to Hex 218FA7 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
#218FA7 }
```

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

```
.border{ border-color:#218FA7 }
```

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

Here you see how a box with a 4 pixel #218FA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218FA7; -webkit-box-shadow:4px 4px  
4px 4px #218FA7; box-shadow:4px 4px 4px  
4px #218FA7 }
```

Background

The CSS property to change the background color of an element to Hex 218FA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218FA7 }
```

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

```
.background{ background-color:#218FA7 }
```

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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