

Converting Colors

Hex(218499)

Have a look what the booklet for
Hex(218499) contains.

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Color

Hex(218499)

Conversions

Conversions Part 1

Format	Color
Hex	218499
RGB	33, 132, 153
RGB Percent	13%, 52%, 60%
CMY	0.8706, 0.4824, 0.4000
CMYK	0.78, 0.14, 0.00, 0.40
HSL	190°, 65%, 36%
HSV	190°, 78%, 60%
XYZ	14.6282, 19.1258, 33.0576
YIQ	104.7930, -65.7450, -14.4570

Conversions

Conversions Part 2

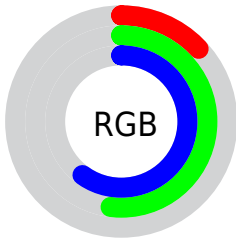
Format	Color
R_{YB}	33, 87, 153
Decimal	2196633
CIE _{Lab}	50.83, -20.13, -19.19
CIE _{LCh}	51, 27.809, 223.634
Yxy	19.1258, 0.2189, 0.2863
Android (android.graphics.Color)	4280386713 (0xFF218499)
YUV	104.7930, 23.7661, -62.9625
Hunter-Lab	43.7330, -16.8264, -14.2040




Details

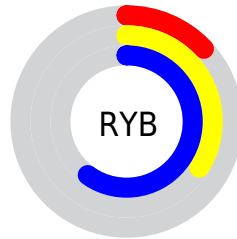
The Hex color **218499** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **993621**, and the grayscale version is **696969**.




A 20% lighter version of the original color is **62B9CF**, and **005266** is the 20% darker color. If you saturate the color by 10%, you get **128199**, and if you desaturate by 10%, it is **308799**.

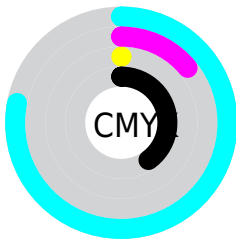
Distribution







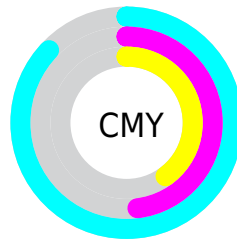
-  Red (13%)
-  Green (52%)
-  Blue (60%)






-  Red (13%)
-  Yellow (34%)
-  Blue (60%)



-  Cyan (78%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (87%)
-  Magenta (48%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218499 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 218499 by changing the saturation by 10% instead.

■ 218499

■ 218499

FFFFFF

■ 006B7F

■ 62B9CF

■ 005266

■ 7FD5EC

■ 003B4E

■ 9CF1FF

■ 002537

■ B9FFFF

■ 000822

■ D6FFFF

■ 000008

■ F4FFFF

■ 000000

■ 218499

■ 218499

■ 128199

■ 308799

■ 027F99

■ 408999

■ 007E99

■ 4F8C99

■ 5E8F99

■ 6D9199

■ 7D9499

■ 8C9799

■ 9B9999

■ AB9C99

Harmonies

Analogous

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



298683



218499



427FA6

Triad

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



218499



9F6887



7E7B4A

Complementary

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



218499



993621

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.



94734C



218499



A8676F

Square

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



218499



8A6F9B



A36B59



648156

Rectangle

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



218499



5C7AA8



A36B59



867949

Sweetspot

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



218499



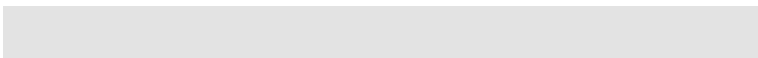
97BFC7



219935



475E63



E3E3E3



636363

Same Dimension

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



218499



0CA6C7



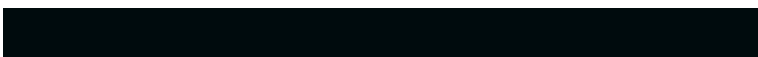
214999



454B4D



00748C



000B0D

Inverse Universe

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



992184



C70CA6



997121



4D454B



8C0074



0D000B

Previews

White Background



This preview shows how the Hex color 218499 looks on a white background.

Color Contrast Check

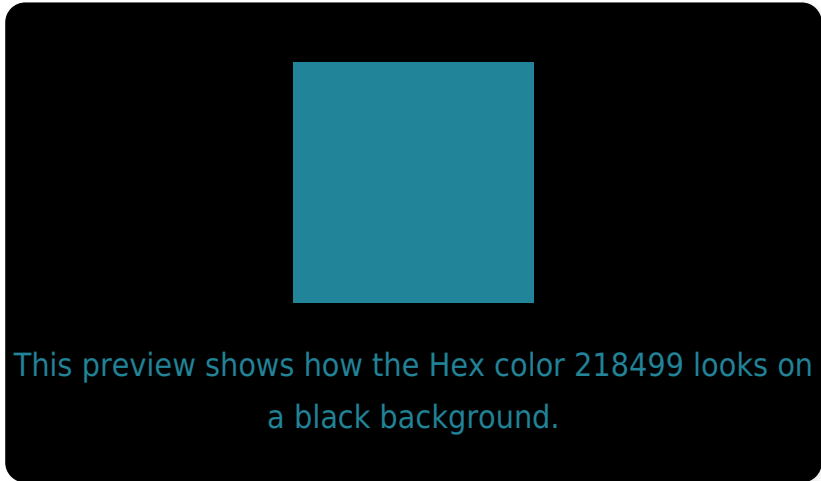
Large Text (above 18pt) WCAG AA ✓ Pass

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

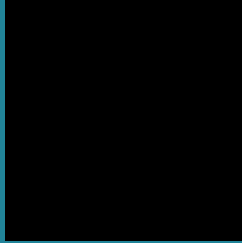
Any Text WCAG AA ✓ Pass

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 218499 Background



This preview shows how black text looks on a background with the Hex color 218499.

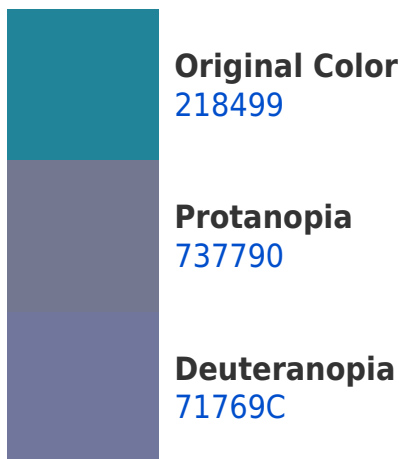


This preview shows how white text looks on a background with the Hex color 218499.

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
188590

Trichromacy



Original Color
218499

Protanomaly
557C93

Deuteranomaly
547B9B

Tritanomaly
1B8593

Monochromacy



Original Color
218499

Achromatopsia
696969

Achromatomaly
4F737A

CSS Examples

Text

The CSS property to change the color of the text to Hex 218499 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 #218499 looks like.

```
.text, #text, p{  
    color:#218499  
}
```

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 #218499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218499
}
```

Border

The CSS property to change the border of an element to Hex 218499 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
#218499 }
```

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

```
.border{ border-color:#218499 }
```

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

Here you see how a box with a 4 pixel #218499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218499; -webkit-box-shadow:4px 4px  
4px 4px #218499; box-shadow:4px 4px 4px  
4px #218499 }
```

Background

The CSS property to change the background color of an element to Hex 218499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218499 }
```

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

```
.background{ background-color:#218499 }
```

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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