

Converting Colors

Hex(214C98)

Have a look what the booklet for
Hex(214C98) contains.

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Color

Hex(214C98)

Conversions

Conversions Part 1

Format	Color
Hex	214C98
RGB	33, 76, 152
RGB Percent	13%, 30%, 60%
CMY	0.8706, 0.7020, 0.4039
CMYK	0.78, 0.50, 0.00, 0.40
HSL	218°, 64%, 36%
HSV	218°, 78%, 60%
XYZ	8.8791, 7.7592, 30.7355
YIQ	71.8070, -50.0240, 14.5200

Conversions

Conversions Part 2

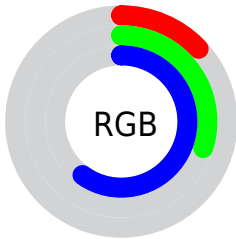
Format	Color
R_{YB}	33, 65, 152
Decimal	2182296
CIE _{Lab}	33.48, 13.61, -45.89
CIE _{LCh}	33, 47.869, 286.521
Yxy	7.7592, 0.1874, 0.1638
Android (android.graphics.Color)	4280372376 (0xFF214C98)
YUV	71.8070, 39.5351, -34.0337
Hunter-Lab	27.8554, 8.1515, -45.9215

Details

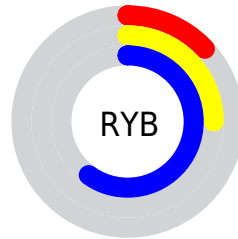
The Hex color **214C98** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **986D21**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **607CCF**, and **002164** is the 20% darker color. If you saturate the color by 10%, you get **124298**, and if you desaturate by 10%, it is **305698**.

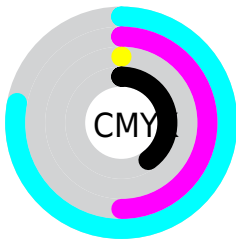
Distribution



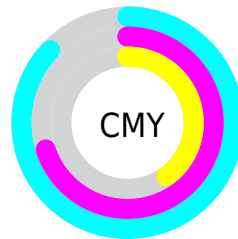
- Red (13%)
- Green (30%)
- Blue (60%)



- Red (13%)
- Yellow (25%)
- Blue (60%)



- Cyan (78%)
- Magenta (50%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (70%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214C98 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 214C98 by changing the saturation by 10% instead.

■ 214C98

■ 214C98

FFFFFF

■ 00367E

■ 607CCF

■ 002164

■ 7D96EB

■ 000B4C

■ 99B1FF

■ 000434

■ B6CCFF

■ 00021E

■ D3E8FF

■ 000000

■ F0FFFF

■ 214C98

■ 214C98

■ 124298

■ 305698

■ 033998

■ 3F5F98

■ 003798

■ 4F6998

■ 5E7398

■ 6D7D98

■ 7C8698

■ 8B9098

■ 9B9A98

■ AAA398

Harmonies

Analogous

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



005899



214C98



6A3A83

Triad

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



214C98



863618



005F3C

Complementary

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



214C98



986D21

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.



1B5B14



214C98



6E4700

Square

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



214C98



91263C



4C5300



006063

Rectangle

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



214C98



822D6E



4C5300



005E2F

Sweetspot

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



214C98



97A8C4



21986C



485263



E3E3E3



636363

Same Dimension

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



214C98



0C4EC4



312198



45484D



00338C



00050D

Inverse Universe

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



98214C



C40C4E



889821



4D4548



8C0033



0D0005

Previews

White Background



This preview shows how the Hex color 214C98 looks on a white background.

Color Contrast Check

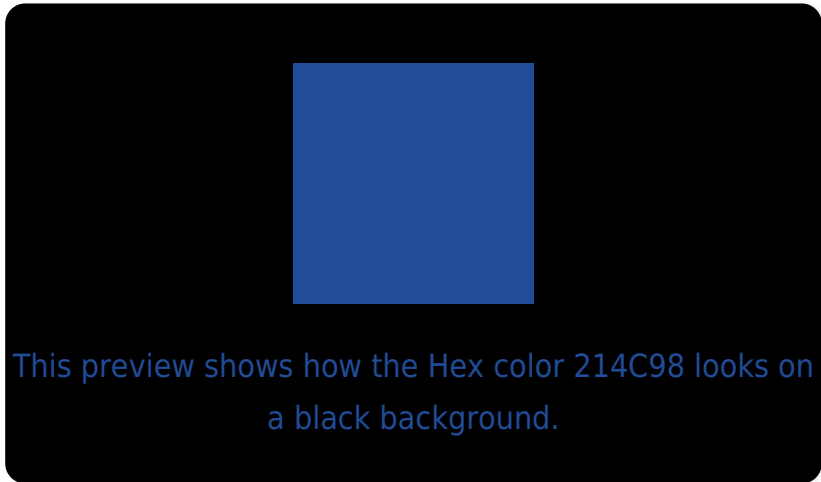
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

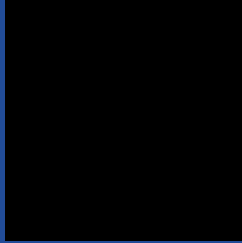
Any Text WCAG AA × Fail

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 214C98 Background



This preview shows how black text looks on a background with the Hex color 214C98.



This preview shows how white text looks on a background with the Hex color 214C98.

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

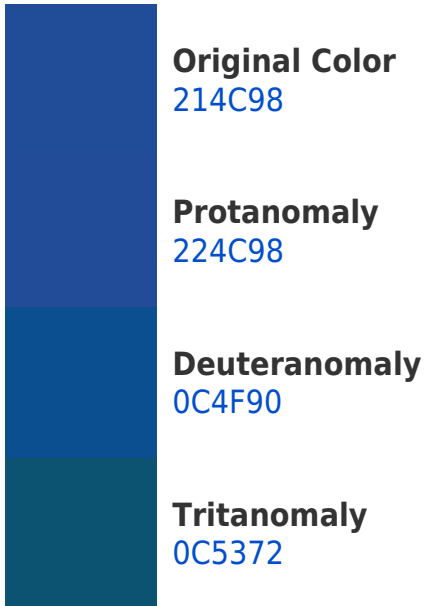


Original Color
214C98

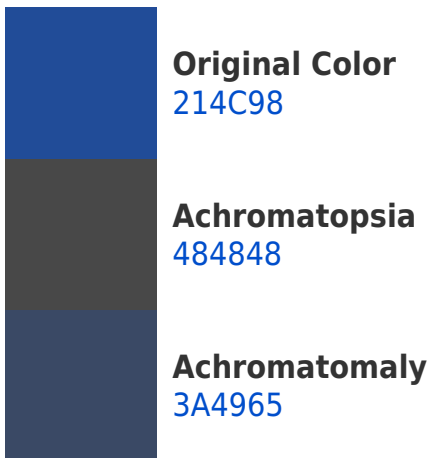
Protanopia
224C98

Deuteranopia
00508C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 214C98 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 #214C98 looks like.

```
.text, #text, p{  
    color:#214C98  
}
```

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 #214C98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214C98
}
```

Border

The CSS property to change the border of an element to Hex 214C98 is called "border". The border property can be set on classes, ids or directly on the HTML element.

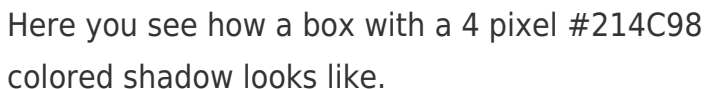
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#214C98 }
```

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

```
.border{ border-color:#214C98 }
```

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



Here you see how a box with a 4 pixel #214C98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214C98; -webkit-box-shadow:4px 4px  
4px 4px #214C98; box-shadow:4px 4px 4px  
4px #214C98 }
```

Background

The CSS property to change the background color of an element to Hex 214C98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214C98 }
```

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

```
.background{ background-color:#214C98 }
```

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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