

Converting Colors

Hex(217592)

Have a look what the booklet for
Hex(217592) contains.

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Color

Hex(217592)

Conversions

Conversions Part 1

Format	Color
Hex	217592
RGB	33, 117, 146
RGB Percent	13%, 46%, 57%
CMY	0.8706, 0.5412, 0.4275
CMYK	0.77, 0.20, 0.00, 0.43
HSL	195°, 63%, 35%
HSV	195°, 77%, 57%
XYZ	12.1768, 15.1212, 29.4710
YIQ	95.1900, -59.3730, -8.7890

Conversions

Conversions Part 2

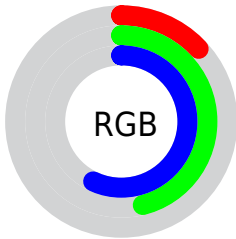
Format	Color
R_{YB}	33, 81, 146
Decimal	2192786
CIE _{Lab}	45.80, -14.32, -22.82
CIE _{LCh}	46, 26.942, 237.892
Yxy	15.1212, 0.2145, 0.2664
Android (android.graphics.Color)	4280382866 (0xFF217592)
YUV	95.1900, 25.0493, -54.5406
Hunter-Lab	38.8860, -12.1550, -17.7146

Details

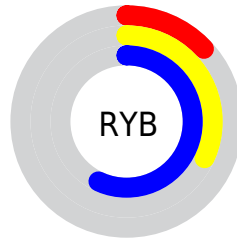
The Hex color **217592** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **923E21**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **60A9C8**, and **00455F** is the 20% darker color. If you saturate the color by 10%, you get **127192**, and if you desaturate by 10%, it is **307992**.

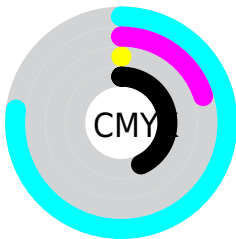
Distribution



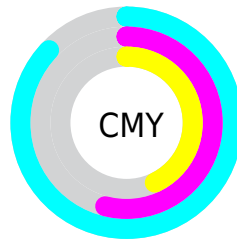
- Red (13%)
- Green (46%)
- Blue (57%)



- Red (13%)
- Yellow (32%)
- Blue (57%)



- Cyan (77%)
- Magenta (20%)
- Yellow (0%)
- Black (43%)



- Cyan (87%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217592 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 217592 by changing the saturation by 10% instead.

■ 217592

■ 217592

FFFFFF

■ 005C78

■ 60A9C8

■ 00455F

■ 7CC4E4

■ 002E48

■ 98E0FF

■ 001B31

■ B5FDFE

■ 00011C

■ D2FFFF

■ 000000

■ F0FFFF

■ 217592

■ 217592

■ 127192

■ 307992

046E92

3E7C92

006D92

4D8092

5B8492

6A8892

798B92

878F92

969392

A49792

Harmonies

Analogous

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



0E7881



217592



496F99

Triad

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



217592



965B6F



667144

Complementary

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



217592



923E21

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.



7D6B3F



217592



985D59

Square

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



217592



875F85



8F6347



4B7654

Rectangle

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



217592



626A97



8F6347



6E6F41

Sweetspot

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



217592



91B2BD



21923D



44585E



DEDEDE



5E5E5E

Same Dimension

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



217592



0D90BD



213D92



43484A



00668A



00080A

Inverse Universe

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



922175



BD0D90



927621



4A4348



8A0066



0A0008

Previews

White Background



This preview shows how the Hex color 217592 looks on a white background.

Color Contrast Check

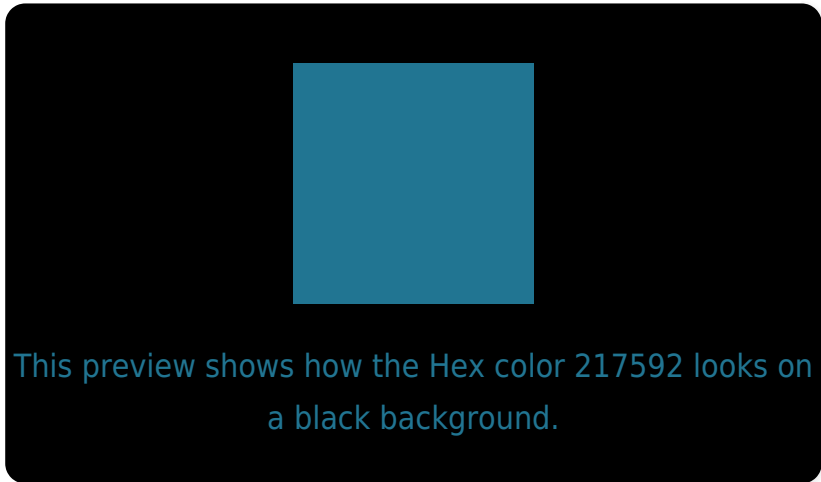
Large Text (above 18pt) WCAG AA ✓ Pass

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

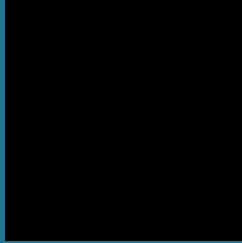
Any Text WCAG AA × Fail

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 217592 Background



This preview shows how black text looks on a background with the Hex color 217592.

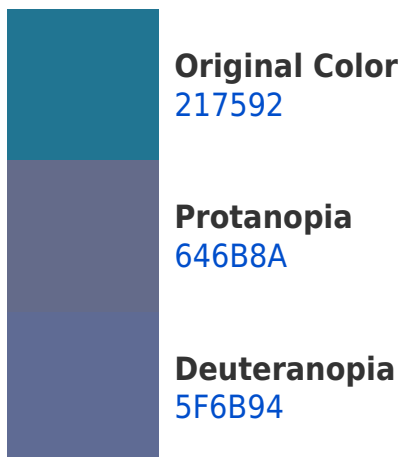


This preview shows how white text looks on a background with the Hex color 217592.

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
0C7882

Trichromacy



Original Color
217592

Protanomaly
4C6F8D

Deuteranomaly
486F93

Tritanomaly
147788

Monochromacy



Original Color
217592

Achromatopsia
5F5F5F

Achromatomaly
486772

CSS Examples

Text

The CSS property to change the color of the text to Hex 217592 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 #217592 looks like.

```
.text, #text, p{  
    color:#217592  
}
```

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 #217592 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217592
}
```

Border

The CSS property to change the border of an element to Hex 217592 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
#217592 }
```

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

```
.border{ border-color:#217592 }
```

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

Here you see how a box with a 4 pixel #217592 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217592; -webkit-box-shadow:4px 4px  
4px 4px #217592; box-shadow:4px 4px 4px  
4px #217592 }
```

Background

The CSS property to change the background color of an element to Hex 217592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217592 }
```

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

```
.background{ background-color:#217592 }
```

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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