

# Converting Colors

Hex(215772)

Have a look what the booklet for  
Hex(215772) contains.

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# Color

Hex(215772)

# Conversions

## Conversions Part 1

Format	Color
Hex	215772
RGB	33, 87, 114
RGB Percent	13%, 34%, 45%
CMY	0.8706, 0.6588, 0.5529
CMYK	0.71, 0.24, 0.00, 0.55
HSL	200°, 55%, 29%
HSV	200°, 71%, 45%
XYZ	7.0727, 8.3546, 17.1594
YIQ	73.9320, -40.8510, -3.0510

# Conversions

## Conversions Part 2

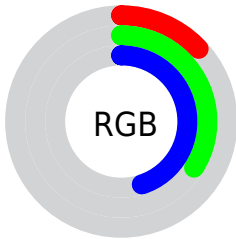
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 65, 114
Decimal	2185074
CIELab	34.71, -8.28, -20.60
CIElCh	35, 22.198, 248.112
Yxy	8.3546, 0.2170, 0.2564
Android (android.graphics.Color)	4280375154 (0xFF215772)
YUV	73.9320, 19.7535, -35.8974
Hunter-Lab	28.9044, -6.9052, -14.9651

# Details

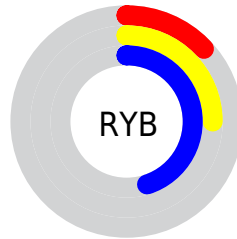
The Hex color **215772** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **723C21**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5889A6**, and **002A42** is the 20% darker color. If you saturate the color by 10%, you get **165372**, and if you desaturate by 10%, it is **2C5B72**.

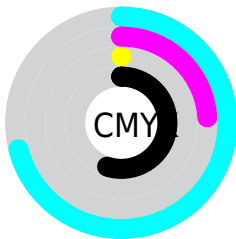
# Distribution



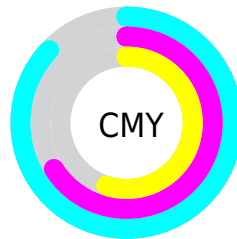
- Red (13%)
- Green (34%)
- Blue (45%)



- Red (13%)
- Yellow (25%)
- Blue (45%)



- Cyan (71%)
- Magenta (24%)
- Yellow (0%)
- Black (55%)



- Cyan (87%)
- Magenta (66%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 215772 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 215772 by changing the saturation by 10% instead.



■ 215772

■ 215772

FFFFFF

■ 004059

■ 5889A6

■ 002A42

■ 73A3C1

■ 00162C

■ 8EBEDD

■ 000117

■ A9DAFA

■ 000000

■ C6F6FF

■ E2FFFF

■ 215772

■ 215772

■ 165372

■ 2C5B72

■ 0A4F72

■ 385F72

■ 004C72

■ 436272

■ 4F6672

■ 5A6A72

■ 656E72

■ 717272

■ 7C7572

■ 887972

# Harmonies

## Analogous

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



065A67



215772



405274

# Triad

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



215772



74444D



455735

# Complementary

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



215772



723C21

# 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.



59522E



215772



72463D

# Square

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



215772



6C465F



684C31



305A44

# Rectangle

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



215772



524D71



684C31



4C5632



# Sweetspot

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



215772



758A94



21723C



37444A



C9C9C9



4A4A4A



# Same Dimension

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



215772



166A94



213072



323638



005078



00A5F7



# Inverse Universe

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



722157



94166A



726521



383236



780050



F700A5



# Previews

## White Background



This preview shows how the Hex color 215772 looks on a white background.

## Color Contrast Check

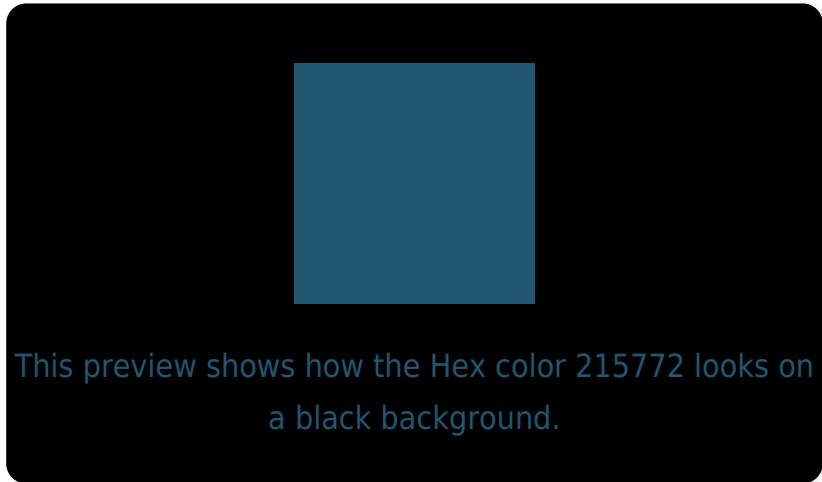
Large Text (above 18pt) WCAG AA ✓ Pass

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

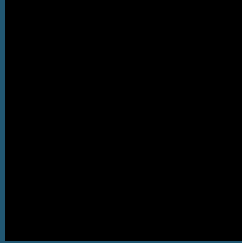
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 215772 Background



This preview shows how black text looks on a background with the Hex color 215772.

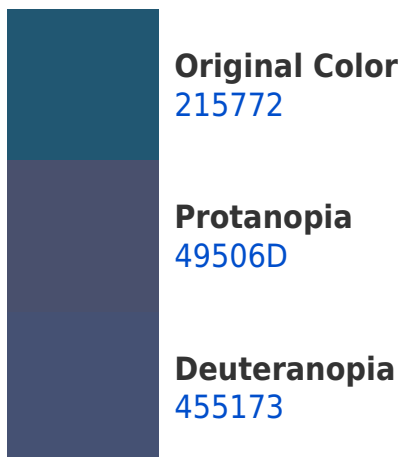



This preview shows how white text looks on a background with the Hex color 215772.

# 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**  
145A61

# Trichromacy



**Original Color**  
215772

**Protanomaly**  
3A536F

**Deuteranomaly**  
385373

**Tritanomaly**  
195967

# Monochromacy



**Original Color**  
215772

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
3B4F59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 215772 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 #215772 looks like.

```
.text, #text, p{  
  color:#215772  
}
```

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 #215772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215772
}
```

## Border

The CSS property to change the border of an element to Hex 215772 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
#215772 }
```

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

```
.border{ border-color:#215772 }
```

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

Here you see how a box with a 4 pixel #215772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215772; -webkit-box-shadow:4px 4px  
4px 4px #215772; box-shadow:4px 4px 4px  
4px #215772 }
```

# Background

The CSS property to change the background color of an element to Hex 215772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215772 }
```

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

```
.background{ background-color:#215772 }
```

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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