

Converting Colors

Hex(214384)

Have a look what the booklet for
Hex(214384) contains.

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Color

Hex(214384)

Conversions

Conversions Part 1

Format	Color
Hex	214384
RGB	33, 67, 132
RGB Percent	13%, 26%, 52%
CMY	0.8706, 0.7373, 0.4824
CMYK	0.75, 0.49, 0.00, 0.48
HSL	219°, 60%, 32%
HSV	219°, 75%, 52%
XYZ	6.7992, 6.0036, 22.6302
YIQ	64.2440, -41.1290, 13.0070

Conversions

Conversions Part 2

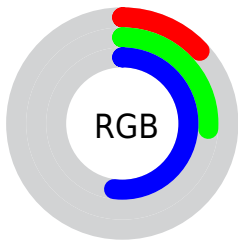
Format	Color
R_{YB}	33, 58, 132
Decimal	2179972
CIE _{Lab}	29.42, 11.78, -40.16
CIE _{LCh}	29, 41.848, 286.346
Yxy	6.0036, 0.1919, 0.1694
Android (android.graphics.Color)	4280370052 (0xFF214384)
YUV	64.2440, 33.4037, -27.4010
Hunter-Lab	24.5022, 6.6538, -37.6087




Details

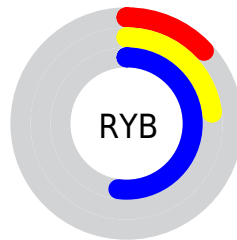
The Hex color **214384** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **846221**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **5C73BA**, and **001952** is the 20% darker color. If you saturate the color by 10%, you get **143A84**, and if you desaturate by 10%, it is **2E4C84**.

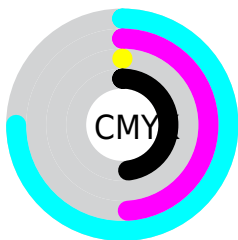
Distribution







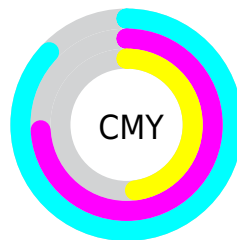
-  Red (13%)
-  Green (26%)
-  Blue (52%)






-  Red (13%)
-  Yellow (23%)
-  Blue (52%)



-  Cyan (75%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (87%)
-  Magenta (74%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214384 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 214384 by changing the saturation by 10% instead.

■ 214384

■ 214384

FFFFFF

■ 002D6A

■ 5C73BA

■ 001952

■ 778CD6

■ 00003A

■ 93A6F2

■ 000224

■ AFC1FF

■ 00000B

■ CCDDFF

■ 000000

■ E9FAFF

■ 214384

■ 214384

■ 143A84

■ 2E4C84

■ 073284

■ 3B5484

■ 002D84

■ 495D84

■ 566684

■ 636E84

■ 707784

■ 7D8084

■ 8B8884

■ 989184

Harmonies

Analogous

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



004D85



214384



5D3473

Triad

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



214384



763017



005335

Complementary

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



214384



846221

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.



1B5014



214384



613E00

Square

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



214384



7F2435



444900



005457

Rectangle

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



214384



712A60



444900



00522A

Sweetspot

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



214384



8491AB



218461



3E4757



D6D6D6



575757

Same Dimension

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



214384



1146AB



302184



3C3E42



002D82



000103

Inverse Universe

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



842143



AB1146



758421



423C3E



82002D



030001

Previews

White Background



This preview shows how the Hex color 214384 looks on a white background.

Color Contrast Check

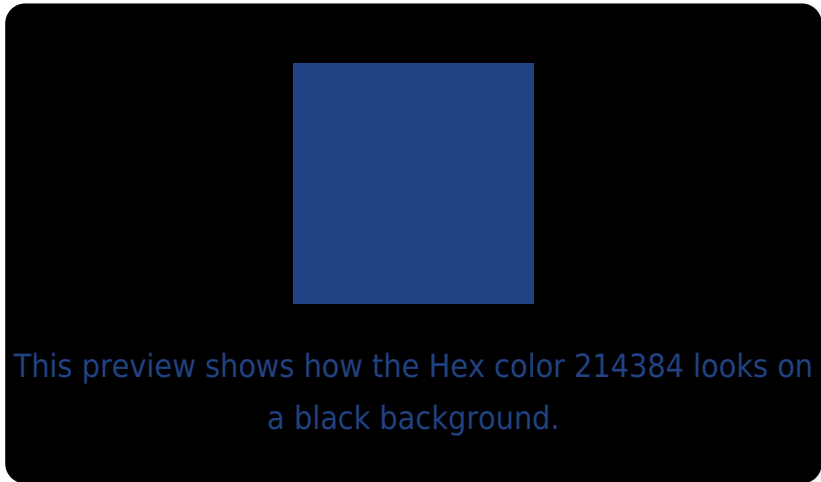
Large Text (above 18pt) WCAG AA ✓ Pass

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

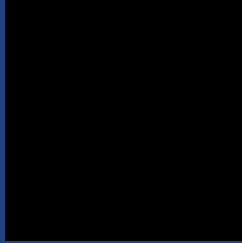
Any Text WCAG AA × Fail

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 214384 Background



This preview shows how black text looks on a background with the Hex color 214384.



This preview shows how white text looks on a background with the Hex color 214384.

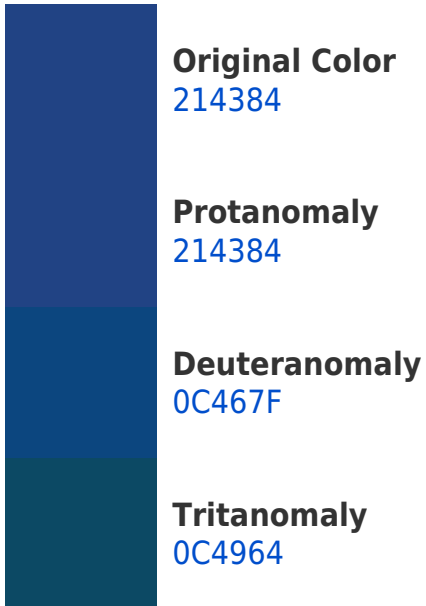
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 214384 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 #214384 looks like.

```
.text, #text, p{  
    color:#214384  
}
```

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 #214384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214384
}
```

Border

The CSS property to change the border of an element to Hex 214384 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
#214384 }
```

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

```
.border{ border-color:#214384 }
```

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

Here you see how a box with a 4 pixel #214384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214384; -webkit-box-shadow:4px 4px  
4px 4px #214384; box-shadow:4px 4px 4px  
4px #214384 }
```

Background

The CSS property to change the background color of an element to Hex 214384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214384 }
```

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

```
.background{ background-color:#214384 }
```

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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