

Converting Colors

Hex(214491)

Have a look what the booklet for
Hex(214491) contains.

Hex(214491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(214491)

Conversions

Conversions Part 1

Format	Color
Hex	214491
RGB	33, 68, 145
RGB Percent	13%, 27%, 57%
CMY	0.8706, 0.7333, 0.4314
CMYK	0.77, 0.53, 0.00, 0.43
HSL	221°, 63%, 35%
HSV	221°, 77%, 57%
XYZ	7.8052, 6.5019, 27.6317
YIQ	66.3130, -45.5770, 16.5270

Conversions

Conversions Part 2

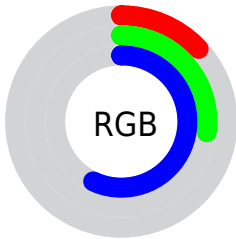
Format	Color
R_{YB}	33, 60, 145
Decimal	2180241
CIE Lab	30.64, 16.27, -46.20
CIE LCh	31, 48.983, 289.404
Yxy	6.5019, 0.1861, 0.1550
Android (android.graphics.Color)	4280370321 (0xFF214491)
YUV	66.3130, 38.7927, -29.2155
Hunter-Lab	25.4988, 10.0156, -46.4001

Details

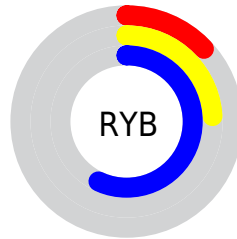
The Hex color **214491** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **916E21**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5F74C8**, and **001A5E** is the 20% darker color. If you saturate the color by 10%, you get **133A91**, and if you desaturate by 10%, it is **2F4E91**.

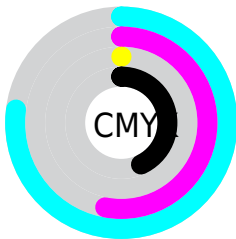
Distribution



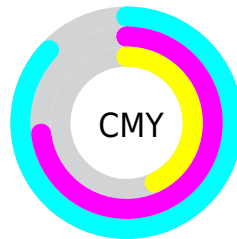
- Red (13%)
- Green (27%)
- Blue (57%)



- Red (13%)
- Yellow (24%)
- Blue (57%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (43%)



- Cyan (87%)
- Magenta (73%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214491 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 214491 by changing the saturation by 10% instead.

■ 214491

■ 214491

FFFFFF

■ 002E77

■ 5F74C8

■ 001A5E

■ 7B8DE4

■ 000046

■ 97A7FF

■ 00042E

■ B4C2FF

■ 000119

■ D1DEFF

■ 000000

■ EEFBFF

■ 214491

■ 214491

■ 133A91

■ 2F4E91

■ 043091

■ 3E5891

■ 002D91

■ 4D6291

■ 5B6C91

■ 6A7691

■ 788091

■ 878A91

■ 959491

■ A49E91

Harmonies

Analogous

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



005194



214491



68317A

Triad

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



214491



7D300C



005839

Complementary

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



214491



916E21

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.



025510



214491



644200

Square

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



214491



8A1D31



414E00



005961

Rectangle

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



214491



7E2264



414E00



00572B

Sweetspot

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



214491



919FBD



21916E



444C5E



DEDEDE



5E5E5E

Same Dimension

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



214491



0D44BD



362191



404247



002A87



000208

Inverse Universe

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



912144



BD0D44



7C9121



474042



87002A



080002

Previews

White Background



This preview shows how the Hex color 214491 looks on a white background.

Color Contrast Check

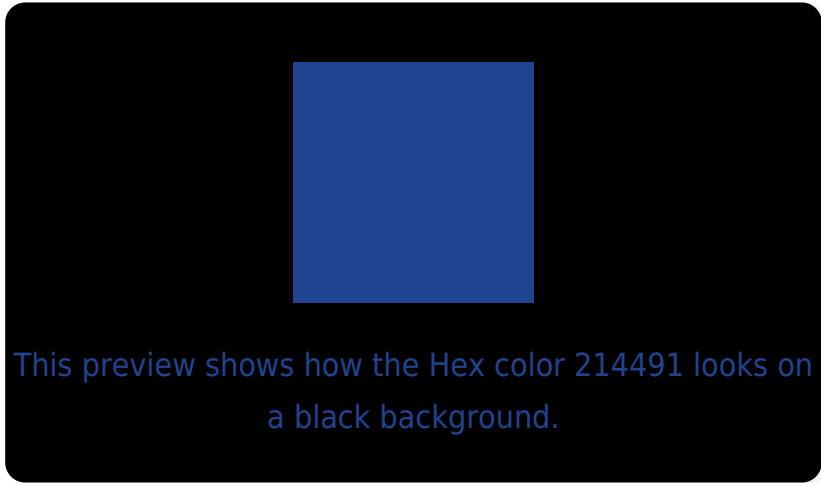
Large Text (above 18pt) WCAG AA ✓ Pass

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

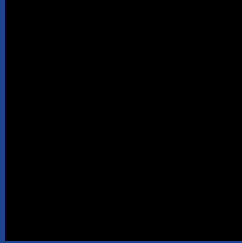
Any Text WCAG AA × Fail

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 214491 Background



This preview shows how black text looks on a background with the Hex color 214491.



This preview shows how white text looks on a background with the Hex color 214491.

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
214491

Protanopia
0D4593

Deuteranopia
004A80

Trichromacy



Original Color
214491

Protanomaly
144592

Deuteranomaly
0C4886

Tritanomaly
0C4C6B

Monochromacy



Original Color
214491

Achromatopsia
424242

Achromatomaly
36435F

CSS Examples

Text

The CSS property to change the color of the text to Hex 214491 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 #214491 looks like.

```
.text, #text, p{  
    color:#214491  
}
```

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 #214491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214491
}
```

Border

The CSS property to change the border of an element to Hex 214491 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
#214491 }
```

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

```
.border{ border-color:#214491 }
```

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

Here you see how a box with a 4 pixel #214491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214491; -webkit-box-shadow:4px 4px  
4px 4px #214491; box-shadow:4px 4px 4px  
4px #214491 }
```

Background

The CSS property to change the background color of an element to Hex 214491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214491 }
```

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

```
.background{ background-color:#214491 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor