

Converting Colors

Hex(212174)

Have a look what the booklet for
Hex(212174) contains.

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Color

Hex(212174)

Conversions

Conversions Part 1

Format	Color
Hex	212174
RGB	33, 33, 116
RGB Percent	13%, 13%, 45%
CMY	0.8706, 0.8706, 0.5451
CMYK	0.72, 0.72, 0.00, 0.55
HSL	240°, 56%, 29%
HSV	240°, 72%, 45%
XYZ	4.3234, 2.6720, 16.8109
YIQ	42.4620, -26.6430, 25.8130

Conversions

Conversions Part 2

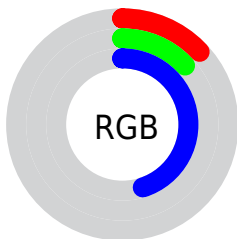
Format	Color
R_{YB}	33, 33, 116
Decimal	2171252
CIE _{Lab}	18.68, 29.00, -47.50
CIE _{LCh}	19, 55.657, 301.408
Yxy	2.6720, 0.1816, 0.1122
Android (android.graphics.Color)	4280361332 (0xFF212174)
YUV	42.4620, 36.2542, -8.2982
Hunter-Lab	16.3463, 18.6057, -49.5329

Details

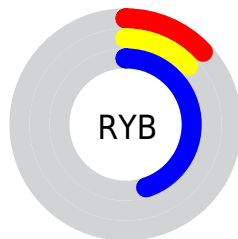
The Hex color **212174** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **747421**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5A4EA9**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **151574**, and if you desaturate by 10%, it is **2D2D74**.

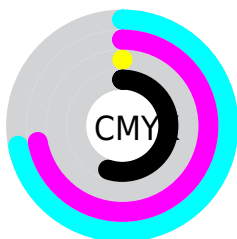
Distribution



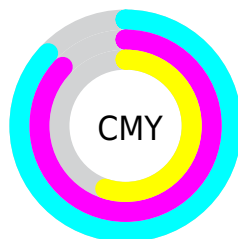
- Red (13%)
- Green (13%)
- Blue (45%)



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



- Cyan (72%)
- Magenta (72%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 212174 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 212174 by changing the saturation by 10% instead.

■ 212174

■ 212174

FFFFFF

■ 000D5B

■ 5A4EA9

■ 000043

■ 7566C5

■ 00032C

■ 917FE1

■ 000116

■ AD99FE

■ 000000

■ C9B4FF

■ E6D0FF

■ FFECFF

■ 212174

■ 212174

■ 151574

■ 2D2D74

■ 0A0A74

■ 383874

■ 000074

■ 444474

■ 4F4F74

■ 5B5B74

■ 676774

■ 727274

■ 7E7E74

■ 898974

Harmonies

Analogous

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



003380



212174



5C0055

Triad

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



212174



561900



003C2E

Complementary

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



212174



747421

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.



003A00



212174



382D00

Square

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



212174



6B0000



073600



003D57

Rectangle

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



212174



6B003B



073600



003C20

Sweetspot

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



212174



777796



217474



39394D



CCCCCC



4D4D4D

Same Dimension

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



212174



151596



4B2174



35353B



00007A



0000FA

Inverse Universe

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



742174



961596



4B7421



3B353B



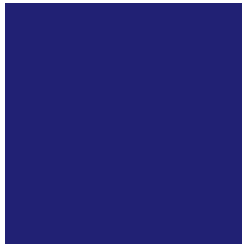
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 212174 looks on a white background.

Color Contrast Check

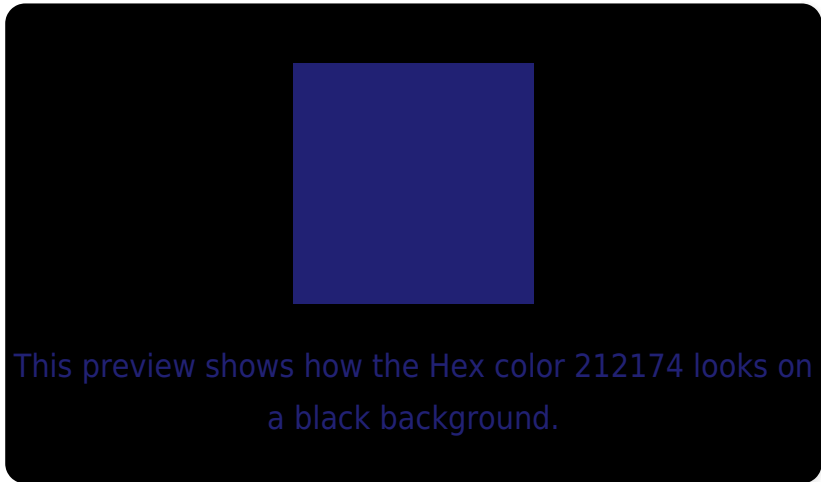
Large Text (above 18pt) WCAG AA ✓ Pass

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

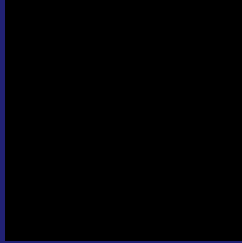
Any Text WCAG AA × Fail

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 212174 Background



This preview shows how black text looks on a background with the Hex color 212174.



This preview shows how white text looks on a background with the Hex color 212174.

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
212174

Deuteranopia
002F50

Tritanopia
003336

Trichromacy



Original Color
212174

Deuteranomaly
0C2A5D

Tritanomaly
0C2C4D

Monochromacy



Original Color
212174

Achromatopsia
2A2A2A

Achromatomaly
272745

CSS Examples

Text

The CSS property to change the color of the text to Hex 212174 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 #212174 looks like.

```
.text, #text, p{  
    color:#212174  
}
```

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 #212174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212174
}
```

Border

The CSS property to change the border of an element to Hex 212174 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
#212174 }
```

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

```
.border{ border-color:#212174 }
```

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

Here you see how a box with a 4 pixel #212174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212174; -webkit-box-shadow:4px 4px  
4px 4px #212174; box-shadow:4px 4px 4px  
4px #212174 }
```

Background

The CSS property to change the background color of an element to Hex 212174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212174 }
```

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

```
.background{ background-color:#212174 }
```

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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