

Converting Colors

Hex(212083)

Have a look what the booklet for
Hex(212083) contains.

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Color

Hex(212083)

Conversions

Conversions Part 1

Format	Color
Hex	212083
RGB	33, 32, 131
RGB Percent	13%, 13%, 51%
CMY	0.8706, 0.8745, 0.4863
CMYK	0.75, 0.76, 0.00, 0.49
HSL	241°, 61%, 32%
HSV	241°, 76%, 51%
XYZ	5.2404, 2.9951, 21.7746
YIQ	43.5850, -31.1830, 31.0010

Conversions

Conversions Part 2

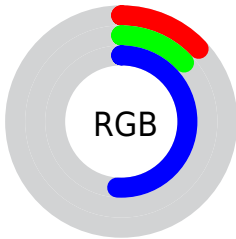
Format	Color
R_{YB}	33, 32, 131
Decimal	2171011
CIE _{Lab}	20.02, 35.03, -54.85
CIE _{LCh}	20, 65.077, 302.564
Yxy	2.9951, 0.1746, 0.0998
Android (android.graphics.Color)	4280361091 (0xFF212083)
YUV	43.5850, 43.0956, -9.2830
Hunter-Lab	17.3062, 23.7652, -62.4842

Details

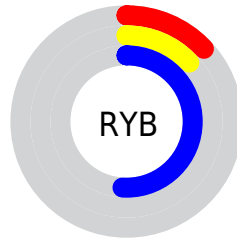
The Hex color **212083** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **828320**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5E4DB9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **141383**, and if you desaturate by 10%, it is **2E2D83**.

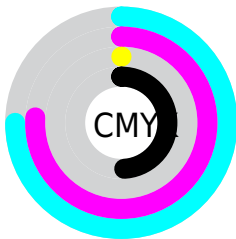
Distribution



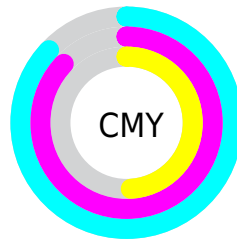
- Red (13%)
- Green (13%)
- Blue (51%)



- Red (13%)
- Yellow (13%)
- Blue (51%)



- Cyan (75%)
- Magenta (76%)
- Yellow (0%)
- Black (49%)



- Cyan (87%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212083 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 212083 by changing the saturation by 10% instead.

■ 212083

■ 212083

FFFFFF

■ 000B69

■ 5E4DB9

■ 000050

■ 7A66D5

■ 000538

■ 967FF2

■ 000222

■ B399FF

■ 000008

■ D0B4FF

■ 000000

■ EDD0FF

■ FFECFF

■ 212083

■ 212083

■ 141383

■ 2E2D83

■ 070683

■ 3B3A83

■ 010083

■ 484783

■ 555483

■ 626283

■ 6F6F83

■ 7C7C83

■ 898983

■ 969683

Harmonies

Analogous

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



003793



212083



68005D

Triad

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



212083



5D1800



004134

Complementary

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



212083



828320

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.



003F00



212083



393000

Square

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



212083



760000



003B00



004264

Rectangle

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



212083



79003E



003B00



004023

Sweetspot

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



212083



8484AB



208383



3F3E57



D6D6D6



575757

Same Dimension

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



212083



110FAB



522083



3C3C42



010082



000003

Inverse Universe

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



832082



AB0FA9



528320



423C42



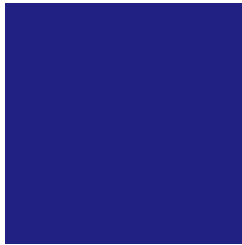
820081



030003

Previews

White Background



This preview shows how the Hex color 212083 looks on a white background.

Color Contrast Check

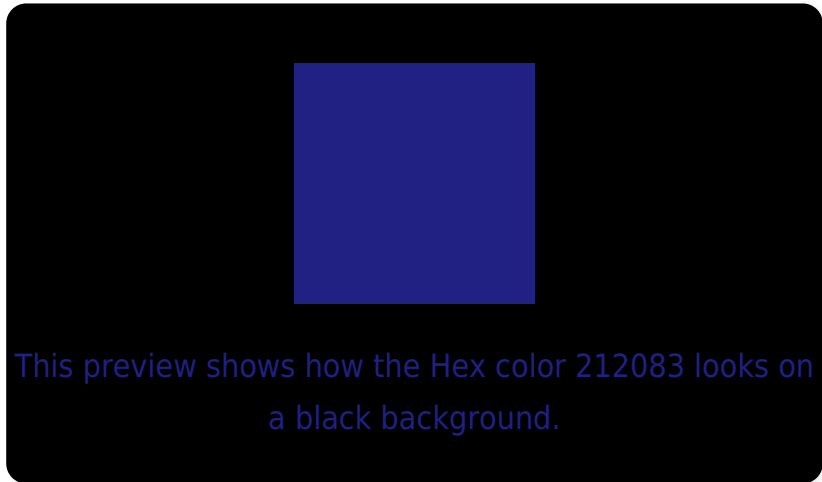
Large Text (above 18pt) WCAG AA ✓ Pass

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

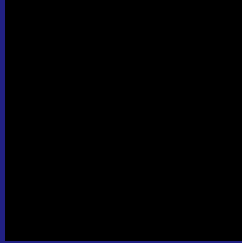
Any Text WCAG AA × Fail

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 212083 Background



This preview shows how black text looks on a background with the Hex color 212083.



This preview shows how white text looks on a background with the Hex color 212083.

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
212083

Protanopia
002F63

Deuteranopia
003255



Tritanopia
00363A

Trichromacy



Original Color
212083

Protanomaly
0C2A6F

Deuteranomaly
0C2B66

Tritanomaly
0C2E55

Monochromacy



Original Color
212083

Achromatopsia
2C2C2C

Achromatomaly
28284C

CSS Examples

Text

The CSS property to change the color of the text to Hex 212083 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 #212083 looks like.

```
.text, #text, p{  
    color:#212083  
}
```

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 #212083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212083
}
```

Border

The CSS property to change the border of an element to Hex 212083 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".

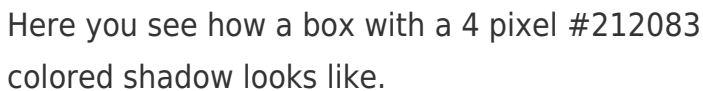
```
.border, #border, table{ border:4px solid
#212083 }
```

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

```
.border{ border-color:#212083 }
```

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

Here you see how a box with a 4 pixel #212083 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212083; -webkit-box-shadow:4px 4px  
4px 4px #212083; box-shadow:4px 4px 4px  
4px #212083 }
```

Background

The CSS property to change the background color of an element to Hex 212083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212083 }
```

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

```
.background{ background-color:#212083 }
```

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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