

# Converting Colors

Hex(212041)

Have a look what the booklet for  
Hex(212041) contains.

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# Color

**Hex(212041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	212041
RGB	33, 32, 65
RGB Percent	13%, 13%, 25%
CMY	0.8706, 0.8745, 0.7451
CMYK	0.49, 0.51, 0.00, 0.75
HSL	242°, 34%, 19%
HSV	242°, 51%, 25%
XYZ	2.0978, 1.7380, 5.2259
YIQ	36.0610, -9.9970, 10.4750

# Conversions

## Conversions Part 2

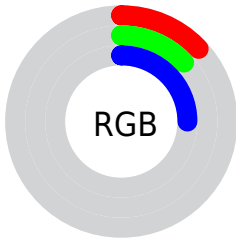
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 32, 65
Decimal	2170945
CIE <sub>Lab</sub>	14.05, 10.74, -20.88
CIE <sub>LCh</sub>	14, 23.477, 297.221
Yxy	1.7380, 0.2315, 0.1918
Android (android.graphics.Color)	4280361025 (0xFF212041)
<b>YUV</b>	36.0610, 14.2669, -2.6845
Hunter-Lab	13.1834, 5.3335, -14.2744

# Details

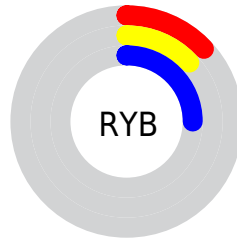
The Hex color **212041** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **404120**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **504C71**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **1B1A41**, and if you desaturate by 10%, it is **272741**.

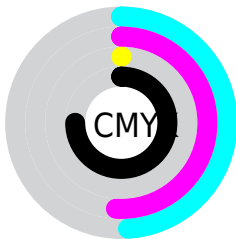
# Distribution



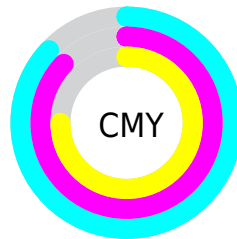
- Red (13%)
- Green (13%)
- Blue (25%)



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



- Cyan (49%)
- Magenta (51%)
- Yellow (0%)
- Black (75%)



- Cyan (87%)
- Magenta (87%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 212041 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 212041 by changing the saturation by 10% instead.



■ 212041

■ 212041

FFFFFF

■ 0C092B

■ 504C71

■ 000116

■ 68648B

■ 000000

■ 827DA5

■ 9C97C0

■ B7B1DC

■ D3CDF9

■ EFE9FF

■ 212041

■ 212041

■ 1B1A41

■ 272741

■ 141341

■ 2E2D41

■ 0E0C41

■ 343441

■ 080641

■ 3A3A41

■ 020041

■ 414141

■ 474741

■ 4D4E41

■ 535441

■ 5A5A41

# Harmonies

## Analogous

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



002645



212041



361936

# Triad

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



212041



3A1C03



002B22

# Complementary

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



212041



404120

# 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.



062A11



212041



2F2200

# Square

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



212041



411616



1F2700



002B32

# Rectangle

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



212041



3E152B



1F2700



002B1C



# Sweetspot

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



212041



484854



204041



24242B



ABABAB



2B2B2B



# Same Dimension

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



212041



222154



312041



1E1E21



030061



0700E0



# Inverse Universe

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



412040



542153



304120



211E21



61005E



E000DA



# Previews

## White Background



This preview shows how the Hex color 212041 looks on a white background.

## Color Contrast Check

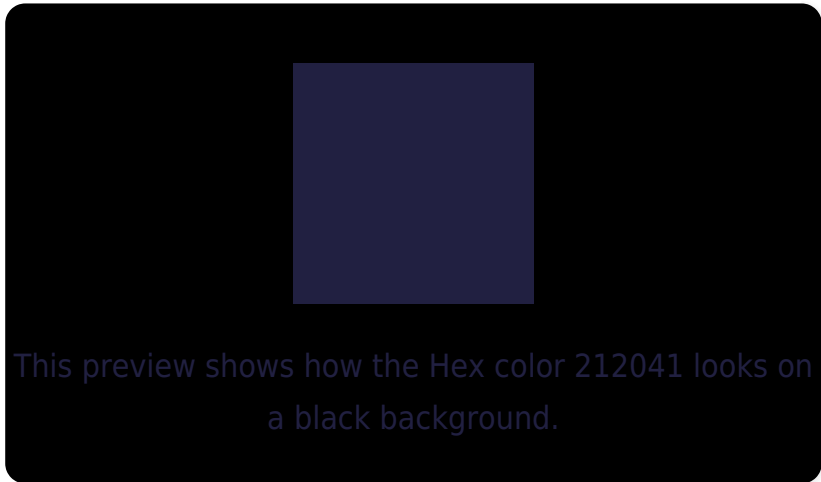
Large Text (above 18pt) WCAG AA ✓ Pass

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

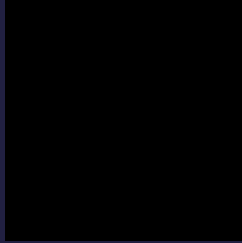
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 212041 Background



This preview shows how black text looks on a background with the Hex color 212041.



This preview shows how white text looks on a background with the Hex color 212041.

# 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**  
212041

**Protanopia**  
122344

**Deuteranopia**  
092440



**Tritanopia**  
1A2629

# Trichromacy



**Original Color**  
212041

**Protanomaly**  
172243

**Deuteranomaly**  
122340

**Tritanomaly**  
1D2432

# Monochromacy



**Original Color**  
212041

**Achromatopsia**  
242424

**Achromatomaly**  
23232F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 212041 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 #212041 looks like.

```
.text, #text, p{  
    color:#212041  
}
```

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 #212041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212041
}
```

## Border

The CSS property to change the border of an element to Hex 212041 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
#212041 }
```

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

```
.border{ border-color:#212041 }
```

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

Here you see how a box with a 4 pixel #212041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212041; -webkit-box-shadow:4px 4px  
4px 4px #212041; box-shadow:4px 4px 4px  
4px #212041 }
```

# Background

The CSS property to change the background color of an element to Hex 212041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212041 }
```

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

```
.background{ background-color:#212041 }
```

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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