

Converting Colors

Hex(212156)

Have a look what the booklet for
Hex(212156) contains.

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Color

Hex(212156)

Conversions

Conversions Part 1

Format	Color
Hex	212156
RGB	33, 33, 86
RGB Percent	13%, 13%, 34%
CMY	0.8706, 0.8706, 0.6627
CMYK	0.62, 0.62, 0.00, 0.66
HSL	240°, 45%, 23%
HSV	240°, 62%, 34%
XYZ	2.8508, 2.0829, 9.0559
YIQ	39.0420, -17.0130, 16.4830

Conversions

Conversions Part 2

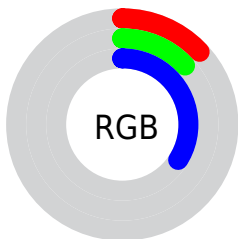
Format	Color
RYB	33, 33, 86
Decimal	2171222
CIELab	15.92, 17.78, -32.27
CIELCh	16, 36.846, 298.850
Yxy	2.0829, 0.2038, 0.1489
Android (android.graphics.Color)	4280361302 (0xFF212156)
YUV	39.0420, 23.1503, -5.2988
Hunter-Lab	14.4324, 10.0018, -27.1001

Details

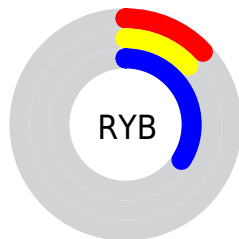
The Hex color **212156** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **565621**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **534D88**, and **000328** is the 20% darker color. If you saturate the color by 10%, you get **181856**, and if you desaturate by 10%, it is **2A2A56**.

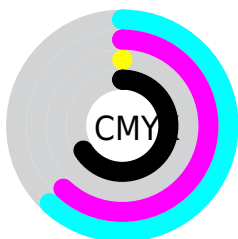
Distribution



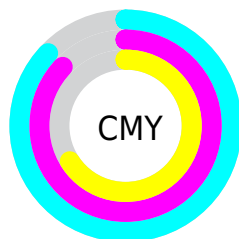
- Red (13%)
- Green (13%)
- Blue (34%)



- Red (13%)
- Yellow (13%)
- Blue (34%)



- Cyan (62%)
- Magenta (62%)
- Yellow (0%)
- Black (66%)



- Cyan (87%)
- Magenta (87%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212156 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 212156 by changing the saturation by 10% instead.

■ 212156

■ 212156

FFFFFF

■ 050C3E

■ 534D88

■ 000328

■ 6D65A3

■ 000112

■ 877EBE

■ 000000

■ A298DA

■ BEB3F7

■ DACEFF

■ F7EBFF

■ 212156

■ 212156

■ 181856

■ 2A2A56

■ 101056

■ 323256

■ 070756

■ 3B3B56

■ 000056

■ 434356

■ 4C4C56

■ 555556

■ 5D5D56

■ 666656

■ 6E6E56

Harmonies

Analogous

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



002B5D



212156



451143

Triad

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



212156



471B00



003226

Complementary

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



212156



565621

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.



003108



212156



332600

Square

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



212156



520B0F



1A2D00



003340

Rectangle

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



212156



500633



1A2D00



00321D

Sweetspot

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



212156



5C5C70



215656



2C2C38



B8B8B8



383838

Same Dimension

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



212156



1D1D70



3C2156



27272B



00006B



0000EB

Inverse Universe

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



562156



701D70



3C5621



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 212156 looks on a white background.

Color Contrast Check

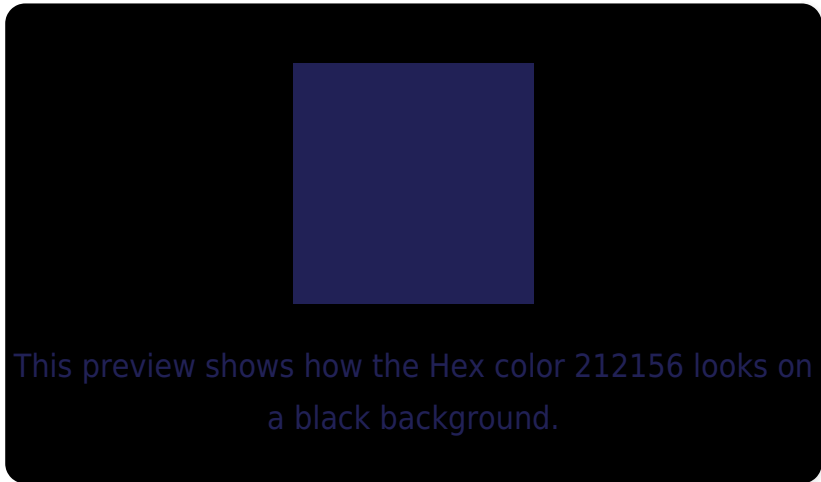
Large Text (above 18pt) WCAG AA ✓ Pass

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

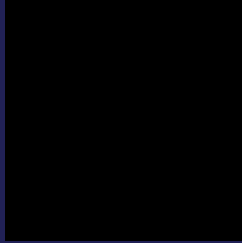
Any Text WCAG AA × Fail

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 212156 Background



This preview shows how black text looks on a background with the Hex color 212156.



This preview shows how white text looks on a background with the Hex color 212156.

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
212156

Protanopia
002752

Deuteranopia
002946



Tritanopia
0D2C30

Trichromacy



Original Color
212156

Protanomaly
0C2553

Deuteranomaly
0C264C

Tritanomaly
14283E

Monochromacy



Original Color
212156

Achromatopsia
272727

Achromatomaly
252538

CSS Examples

Text

The CSS property to change the color of the text to Hex 212156 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 #212156 looks like.

```
.text, #text, p{  
    color:#212156  
}
```

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 #212156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212156
}
```

Border

The CSS property to change the border of an element to Hex 212156 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
#212156 }
```

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

```
.border{ border-color:#212156 }
```

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

Here you see how a box with a 4 pixel #212156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212156; -webkit-box-shadow:4px 4px  
4px 4px #212156; box-shadow:4px 4px 4px  
4px #212156 }
```

Background

The CSS property to change the background color of an element to Hex 212156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212156 }
```

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

```
.background{ background-color:#212156 }
```

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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