

Converting Colors

Hex(212132)

Have a look what the booklet for
Hex(212132) contains.

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Color

Hex(212132)

Conversions

Conversions Part 1

Format	Color
Hex	212132
RGB	33, 33, 50
RGB Percent	13%, 13%, 20%
CMY	0.8706, 0.8706, 0.8039
CMYK	0.34, 0.34, 0.00, 0.80
HSL	240°, 20%, 16%
HSV	240°, 34%, 20%
XYZ	1.7468, 1.6413, 3.2424
YIQ	34.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

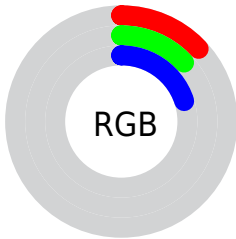
Format	Color
R_{YB}	33, 33, 50
Decimal	2171186
CIE _{Lab}	13.48, 4.88, -11.16
CIE _{LCh}	13, 12.184, 293.612
Yxy	1.6413, 0.2634, 0.2475
Android (android.graphics.Color)	4280361266 (0xFF212132)
YUV	34.9380, 7.4256, -1.6996
Hunter-Lab	12.8115, 1.9175, -6.0372

Details

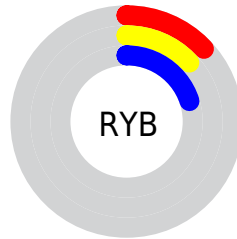
The Hex color **212132** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323221**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4E4D60**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C1C32**, and if you desaturate by 10%, it is **262632**.

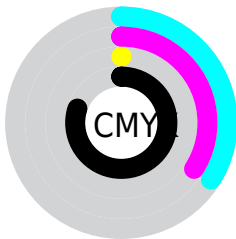
Distribution



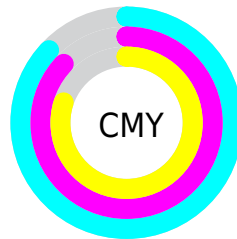
- Red (13%)
- Green (13%)
- Blue (20%)



- Red (13%)
- Yellow (13%)
- Blue (20%)



- Cyan (34%)
- Magenta (34%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212132 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 212132 by changing the saturation by 10% instead.

■ 212132

■ 212132

FFFFFF

■ 0C0A1D

■ 4E4D60

■ 000000

■ 666579

■ 7F7E93

■ 9998AD

■ B4B2C9

■ CFCEE5

■ ECEAFF

■ 212132

■ 212132

■ 1C1C32

■ 262632

■ 171732

■ 2B2B32

■ 121232

■ 303032

■ 0D0D32

■ 353532

■ 080832

■ 3A3A32

■ 030332

■ 3F3F32

■ 000032

■ 444432

■ 494932

■ 4E4E32

Harmonies

Analogous

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



142433



212132



2C1E2D

Triad

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



212132



301E15



0D2720

Complementary

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



212132



323221

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.



182618



212132



2A2111

Square

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



212132



331C1C



212413



052729

Rectangle

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



212132



301D28



212413



11271D

Sweetspot

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



212132



393940



213232



1D1D21



A1A1A1



212121

Same Dimension

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



212132



262640



2A2132



17171A



000059



0000D9

Inverse Universe

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



322132



402640



2A3221



1A171A



590059



D900D9

Previews

White Background



This preview shows how the Hex color 212132 looks on a white background.

Color Contrast Check

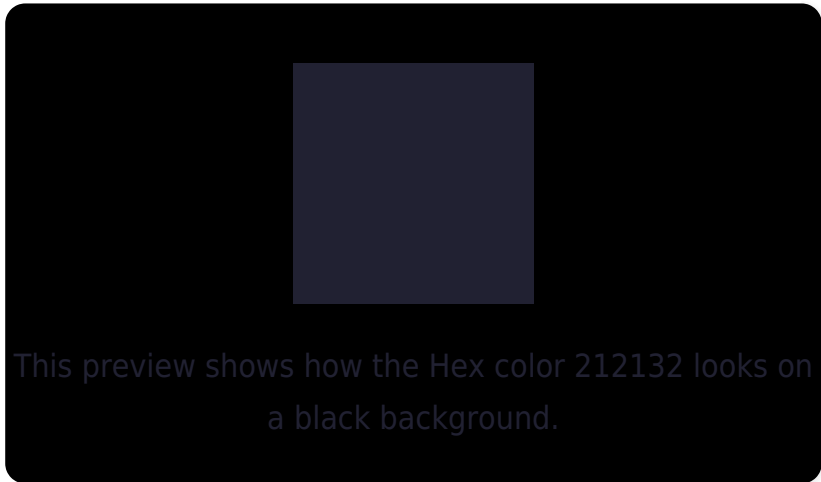
Large Text (above 18pt) WCAG AA ✓ Pass

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

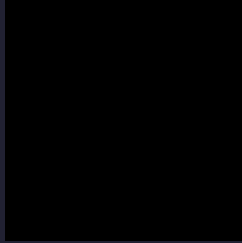
Any Text WCAG AA × Fail

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 212132 Background



This preview shows how black text looks on a background with the Hex color 212132.

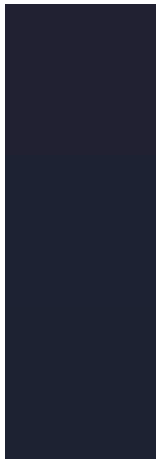


This preview shows how white text looks on a background with the Hex color 212132.

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](#).

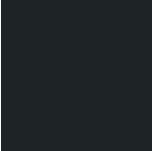
Dichromacy



Original Color
212132

Protanopia
1D2233

Deuteranopia
1D2232



Tritanopia
1E2326

Trichromacy



Original Color
212132

Protanomaly
1E2233

Deuteranomaly
1E2232

Tritanomaly
1F222A

Monochromacy



Original Color
212132

Achromatopsia
232323

Achromatomaly
222228

CSS Examples

Text

The CSS property to change the color of the text to Hex 212132 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 #212132 looks like.

```
.text, #text, p{  
  color:#212132  
}
```

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 #212132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212132
}
```

Border

The CSS property to change the border of an element to Hex 212132 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
#212132 }
```

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

```
.border{ border-color:#212132 }
```

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

Here you see how a box with a 4 pixel #212132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212132; -webkit-box-shadow:4px 4px  
4px 4px #212132; box-shadow:4px 4px 4px  
4px #212132 }
```

Background

The CSS property to change the background color of an element to Hex 212132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212132 }
```

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

```
.background{ background-color:#212132 }
```

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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