

Converting Colors

Hex(212652)

Have a look what the booklet for
Hex(212652) contains.

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Color

Hex(212652)

Conversions

Conversions Part 1

Format	Color
Hex	212652
RGB	33, 38, 82
RGB Percent	13%, 15%, 32%
CMY	0.8706, 0.8510, 0.6784
CMYK	0.60, 0.54, 0.00, 0.68
HSL	234°, 43%, 23%
HSV	234°, 60%, 32%
XYZ	2.8433, 2.3188, 8.2803
YIQ	41.5210, -17.1040, 12.6240

Conversions

Conversions Part 2

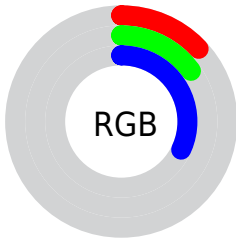
Format	Color
R_{YB}	33, 38, 82
Decimal	2172498
CIE _{Lab}	17.08, 12.64, -27.70
CIE _{LCh}	17, 30.448, 294.518
Yxy	2.3188, 0.2115, 0.1725
Android (android.graphics.Color)	4280362578 (0xFF212652)
YUV	41.5210, 19.9561, -7.4729
Hunter-Lab	15.2275, 6.6818, -21.5813

Details

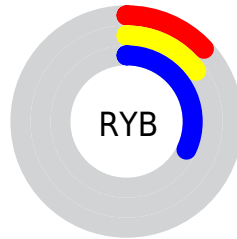
The Hex color **212652** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **524D21**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **525384**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **191F52**, and if you desaturate by 10%, it is **292D52**.

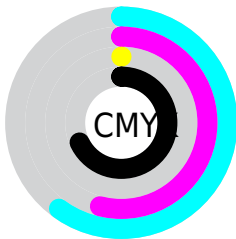
Distribution



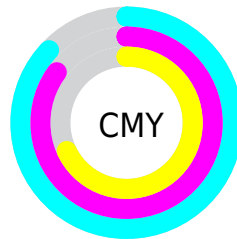
- Red (13%)
- Green (15%)
- Blue (32%)



- Red (13%)
- Yellow (15%)
- Blue (32%)



- Cyan (60%)
- Magenta (54%)
- Yellow (0%)
- Black (68%)



- Cyan (87%)
- Magenta (85%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212652 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 212652 by changing the saturation by 10% instead.

■ 212652

■ 212652

FFFFFF

■ 06123B

■ 525384

■ 000225

■ 6B6B9E

■ 00010D

■ 8584B9

■ 000000

■ A09ED5

■ BCB9F1

■ D8D5FF

■ F4F1FF

■ 212652

■ 212652

■ 191F52

■ 292D52

■ 111752

■ 313552

■ 081052

■ 3A3C52

■ 000952

■ 424352

■ 000852

■ 4A4B52

■ 525252

■ 5A5A52

■ 636152

■ 6B6852

Harmonies

Analogous

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



002E56



212652



401C44

Triad

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



212652



481E01



003425

Complementary

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



212652



524D21

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.



02320F



212652



392800

Square

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



212652



501519



242E00



00343C

Rectangle

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



212652



4B1536



242E00



00331E

Sweetspot

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



212652



585A6B



21524C



2A2B36



B5B5B5



363636

Same Dimension

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



212652



1E266B



342152



252529



000B69



0018E8

Inverse Universe

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



522126



6B1E26



3F5221



292525



69000B



E80018

Previews

White Background



This preview shows how the Hex color 212652 looks on a white background.

Color Contrast Check

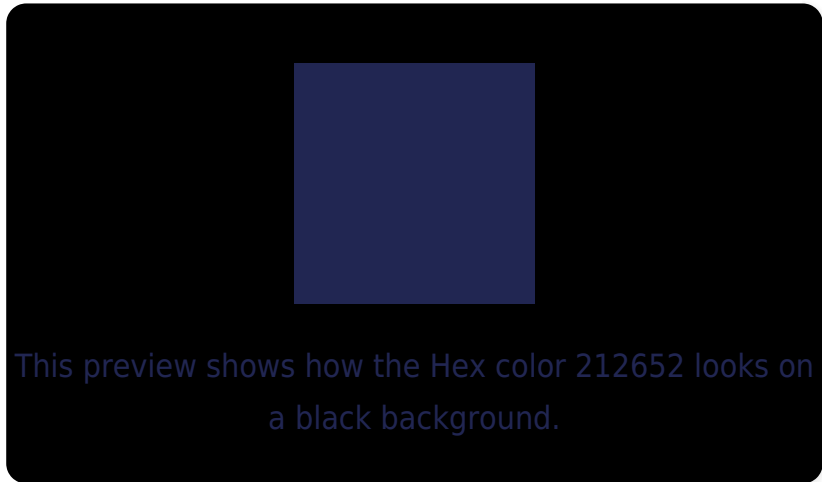
Large Text (above 18pt) WCAG AA ✓ Pass

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

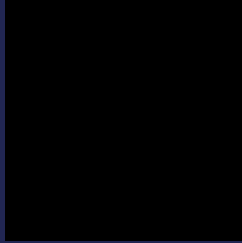
Any Text WCAG AA × Fail

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 212652 Background



This preview shows how black text looks on a background with the Hex color 212652.



This preview shows how white text looks on a background with the Hex color 212652.

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
212652

Protanopia
0B2955

Deuteranopia
002B4B



Tritanopia
122E32

Trichromacy



Original Color
212652

Protanomaly
132854

Deuteranomaly
0C294E

Tritanomaly
172B3E

Monochromacy



Original Color
212652

Achromatopsia
2A2A2A

Achromatomaly
272939

CSS Examples

Text

The CSS property to change the color of the text to Hex 212652 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 #212652 looks like.

```
.text, #text, p{  
    color:#212652  
}
```

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 #212652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212652
}
```

Border

The CSS property to change the border of an element to Hex 212652 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".

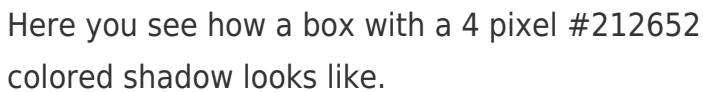
```
.border, #border, table{ border:4px solid
#212652 }
```

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

```
.border{ border-color:#212652 }
```

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

Here you see how a box with a 4 pixel #212652 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212652; -webkit-box-shadow:4px 4px  
4px 4px #212652; box-shadow:4px 4px 4px  
4px #212652 }
```

Background

The CSS property to change the background color of an element to Hex 212652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212652 }
```

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

```
.background{ background-color:#212652 }
```

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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