

Converting Colors

Hex(213051)

Have a look what the booklet for
Hex(213051) contains.

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Color

Hex(213051)

Conversions

Conversions Part 1

Format	Color
Hex	213051
RGB	33, 48, 81
RGB Percent	13%, 19%, 32%
CMY	0.8706, 0.8118, 0.6824
CMYK	0.59, 0.41, 0.00, 0.68
HSL	221°, 42%, 22%
HSV	221°, 59%, 32%
XYZ	3.1694, 3.0313, 8.2026
YIQ	47.2770, -19.5330, 7.0830

Conversions

Conversions Part 2

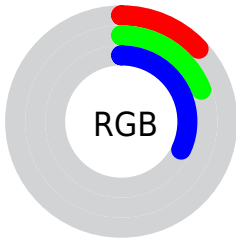
Format	Color
R_{YB}	33, 44, 81
Decimal	2175057
CIE _{Lab}	20.17, 5.03, -22.11
CIE _{LCh}	20, 22.674, 282.826
Yxy	3.0313, 0.2200, 0.2105
Android (android.graphics.Color)	4280365137 (0xFF213051)
YUV	47.2770, 16.6254, -12.5209
Hunter-Lab	17.4107, 2.0246, -15.7456

Details

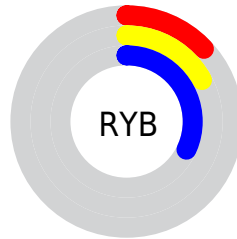
The Hex color **213051** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **514221**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **515E83**, and **000024** is the 20% darker color. If you saturate the color by 10%, you get **192A51**, and if you desaturate by 10%, it is **293651**.

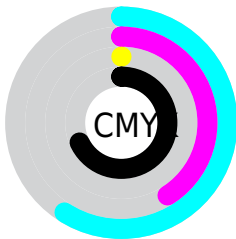
Distribution



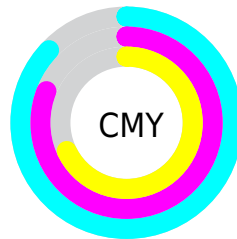
- Red (13%)
- Green (19%)
- Blue (32%)



- Red (13%)
- Yellow (17%)
- Blue (32%)



- Cyan (59%)
- Magenta (41%)
- Yellow (0%)
- Black (68%)



- Cyan (87%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213051 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 213051 by changing the saturation by 10% instead.

■ 213051

■ 213051

FFFFFF

■ 071B3A

■ 515E83

■ 000024

■ 6B769D

■ 00000C

■ 8490B8

■ 000000

■ 9FAAD3

■ BAC6F0

■ D6E2FF

■ F3FEFF

■ 213051

■ 213051

■ 192A51

■ 293651

■ 112551

■ 313B51

■ 091F51

■ 394151

■ 011A51

■ 414651

■ 001951

■ 4A4C51

■ 525151

■ 5A5751

■ 625D51

■ 6A6251

Harmonies

Analogous

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



003550



213051



3B2949

Triad

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



213051



4C261B



043826

Complementary

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



213051



514221

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.



213617



213051



422C10

Square

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



213051



50222A



33320F



003937

Rectangle

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



213051



462540



33320F



113821

Sweetspot

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



213051



565C69



215142



2A2D36



B5B5B5



363636

Same Dimension

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



213051



1E3669



2A2151



252629



002169



0049E8

Inverse Universe

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



512130



691E36



485121



292526



690021



E80049

Previews

White Background



This preview shows how the Hex color 213051 looks on a white background.

Color Contrast Check

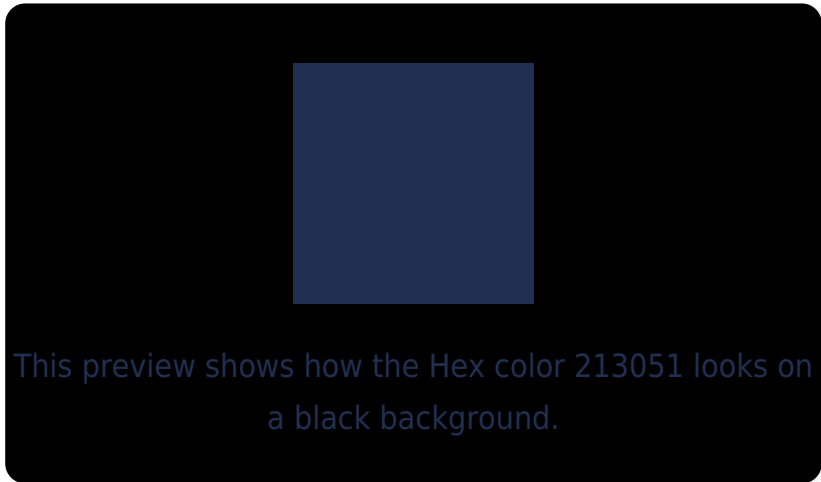
Large Text (above 18pt) WCAG AA ✓ Pass

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 213051 Background



This preview shows how black text looks on a background with the Hex color 213051.



This preview shows how white text looks on a background with the Hex color 213051.

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](#).

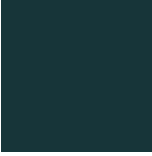
Dichromacy



Original Color
213051

Protanopia
233051

Deuteranopia
1C3151



Tritanopia
173539

Trichromacy



Original Color
213051

Protanomaly
223051

Deuteranomaly
1E3151

Tritanomaly
1B3342

Monochromacy



Original Color
213051

Achromatopsia
2F2F2F

Achromatomaly
2A2F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 213051 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 #213051 looks like.

```
.text, #text, p{  
    color:#213051  
}
```

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 #213051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213051
}
```

Border

The CSS property to change the border of an element to Hex 213051 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
#213051 }
```

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

```
.border{ border-color:#213051 }
```

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

Here you see how a box with a 4 pixel #213051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213051; -webkit-box-shadow:4px 4px  
4px 4px #213051; box-shadow:4px 4px 4px  
4px #213051 }
```

Background

The CSS property to change the background color of an element to Hex 213051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213051 }
```

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

```
.background{ background-color:#213051 }
```

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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