

Converting Colors

Hex(213D6C)

Have a look what the booklet for
Hex(213D6C) contains.

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Color

Hex(213D6C)

Conversions

Conversions Part 1

Format	Color
Hex	213D6C
RGB	33, 61, 108
RGB Percent	13%, 24%, 42%
CMY	0.8706, 0.7608, 0.5765
CMYK	0.69, 0.44, 0.00, 0.58
HSL	218°, 53%, 28%
HSV	218°, 69%, 42%
XYZ	5.0027, 4.7435, 14.8393
YIQ	57.9860, -31.7750, 8.6810

Conversions

Conversions Part 2

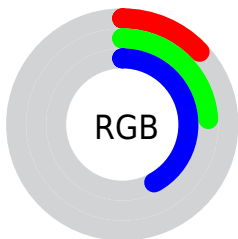
Format	Color
R_{YB}	33, 53, 108
Decimal	2178412
CIE Lab	25.99, 6.38, -30.52
CIE LCh	26, 31.185, 281.814
Yxy	4.7435, 0.2035, 0.1929
Android (android.graphics.Color)	4280368492 (0xFF213D6C)
YUV	57.9860, 24.6569, -21.9127
Hunter-Lab	21.7796, 2.8865, -25.1507

Details

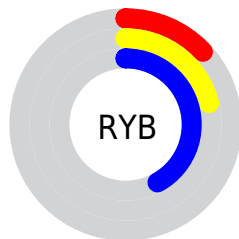
The Hex color **213D6C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C5021**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **566CA0**, and **00133C** is the 20% darker color. If you saturate the color by 10%, you get **16366C**, and if you desaturate by 10%, it is **2C446C**.

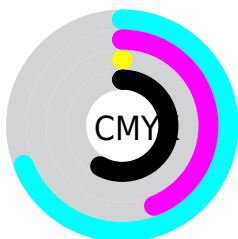
Distribution



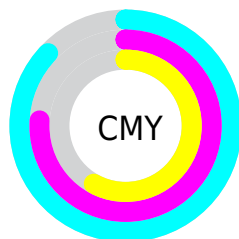
- Red (13%)
- Green (24%)
- Blue (42%)



- Red (13%)
- Yellow (21%)
- Blue (42%)



- Cyan (69%)
- Magenta (44%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213D6C 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 213D6C by changing the saturation by 10% instead.

■ 213D6C

■ 213D6C

FFFFFF

■ 002853

■ 566CA0

■ 00133C

■ 7185BB

■ 000226

■ 8B9FD7

■ 00010F

■ A7BAF3

■ 000000

■ C3D6FF

■ DFF2FF

■ FDFFFF

■ 213D6C

■ 213D6C

■ 16366C

■ 2C446C

■ 0B2F6C

■ 374B6C

■ 01296C

■ 41516C

■ 00286C

■ 4C586C

■ 575F6C

■ 62666C

■ 6D6C6C

■ 77736C

■ 827A6C

Harmonies

Analogous

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



00446A



213D6C



4B3361

Triad

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



213D6C



642E1F



00482E

Complementary

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



213D6C



6C5021

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.



274518



213D6C



56370E

Square

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



213D6C



692835



413F0A



004946

Rectangle

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



213D6C



5B2D54



413F0A



0B4726

Sweetspot

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



213D6C



6F7A8C



216C4F



363C47



C7C7C7



474747

Same Dimension

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



213D6C



18438C



2A216C



303236



002C75



005BF5

Inverse Universe

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



6C213D



8C1843



636C21



363032



75002C



F5005B

Previews

White Background



This preview shows how the Hex color 213D6C looks on a white background.

Color Contrast Check

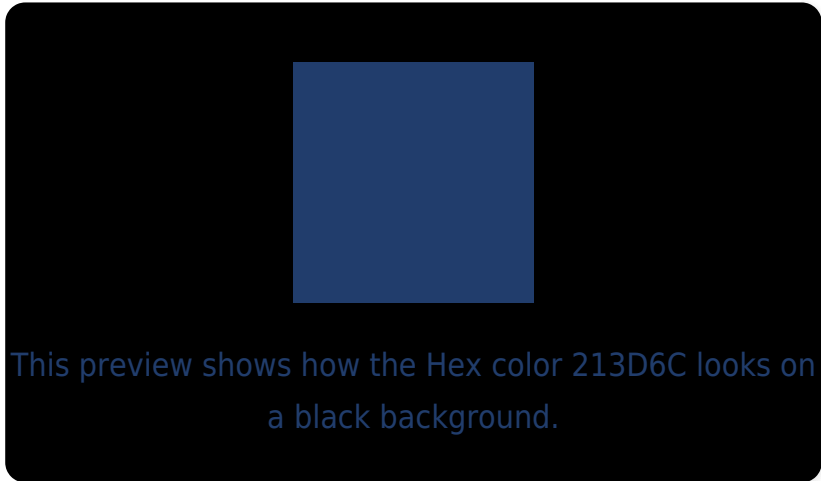
Large Text (above 18pt) WCAG AA ✓ Pass

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

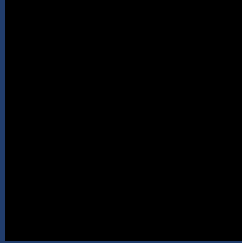
Any Text WCAG AA × Fail

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 213D6C Background



This preview shows how black text looks on a background with the Hex color 213D6C.



This preview shows how white text looks on a background with the Hex color 213D6C.

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
213D6C

Protanopia
283C6B

Deuteranopia
173E6C



Tritanopia
00444A

Trichromacy



Original Color
213D6C

Protanomaly
253C6B

Deuteranomaly
1B3E6C

Tritanomaly
0C4156

Monochromacy



Original Color
213D6C

Achromatopsia
3A3A3A

Achromatomaly
313B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 213D6C 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 #213D6C looks like.

```
.text, #text, p{  
    color:#213D6C  
}
```

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 #213D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213D6C
}
```

Border

The CSS property to change the border of an element to Hex 213D6C 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".

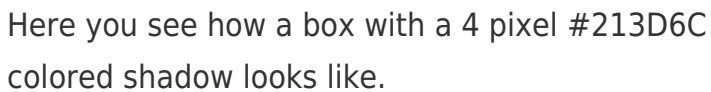
```
.border, #border, table{ border:4px solid
#213D6C }
```

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

```
.border{ border-color:#213D6C }
```

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

Here you see how a box with a 4 pixel #213D6C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213D6C; -webkit-box-shadow:4px 4px  
4px 4px #213D6C; box-shadow:4px 4px 4px  
4px #213D6C }
```

Background

The CSS property to change the background color of an element to Hex 213D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213D6C }
```

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

```
.background{ background-color:#213D6C }
```

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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