

# Converting Colors

Hex(225D6D)

Have a look what the booklet for  
Hex(225D6D) contains.

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# Color

**Hex(225D6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	225D6D
RGB	34, 93, 109
RGB Percent	13%, 36%, 43%
CMY	0.8667, 0.6353, 0.5725
CMYK	0.69, 0.15, 0.00, 0.57
HSL	193°, 52%, 28%
HSV	193°, 69%, 43%
XYZ	7.3344, 9.2729, 15.8713
YIQ	77.1830, -40.3000, -7.5320

# Conversions

## Conversions Part 2

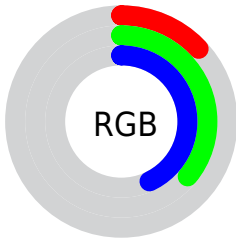
Format	Color
<b>R<sub>YB</sub></b>	34, 67, 109
Decimal	2252141
CIE <sub>Lab</sub>	36.50, -13.44, -14.73
CIE <sub>LCh</sub>	37, 19.944, 227.615
Yxy	9.2729, 0.2258, 0.2855
Android (android.graphics.Color)	4280442221 (0xFF225D6D)
YUV	77.1830, 15.6858, -37.8715
Hunter-Lab	30.4515, -10.2976, -9.5859

# Details

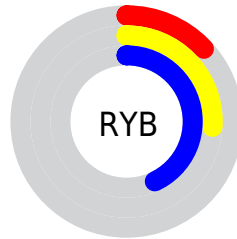
The Hex color **225D6D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3222**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **588FA1**, and **002F3D** is the 20% darker color. If you saturate the color by 10%, you get **175B6D**, and if you desaturate by 10%, it is **2D5F6D**.

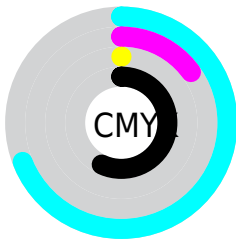
# Distribution



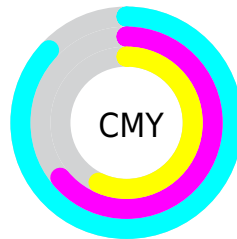
- Red (13%)
- Green (36%)
- Blue (43%)



- Red (13%)
- Yellow (26%)
- Blue (43%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (57%)



- Cyan (87%)
- Magenta (64%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 225D6D 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 225D6D by changing the saturation by 10% instead.



■ 225D6D

■ 225D6D

FFFFFF

■ 004555

■ 588FA1

■ 002F3D

■ 73AABC

■ 001B28

■ 8EC5D7

■ 000113

■ AAE1F4

■ 000000

■ C6FEFF

■ E3FFFF

■ 225D6D

■ 225D6D

■ 175B6D

■ 2D5F6D

0C586D

38626D

01566D

43646D

00566D

4E666D

59696D

636B6D

6E6D6D

79706D

84726D

# Harmonies

## Analogous

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



225F5F



225D6D



365975

# Triad

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



225D6D



714A5D



575837

# Complementary

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



225D6D



6D3222

# 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.



675337



225D6D



764A4D

# Square

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



225D6D



644E6C



724D3F



455C40

# Rectangle

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



225D6D



475675



724D3F



5D5636



# Sweetspot

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



225D6D



71888F



226D31



364447



C7C7C7



474747



# Same Dimension

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



225D6D



18768F



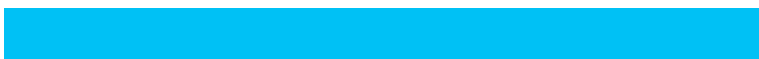
22386D



303436



005C75



00C1F5



# Inverse Universe

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



6D225D



8F1876



6D5722



363034



75005C

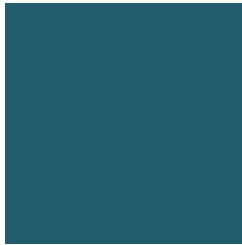


F500C1



# Previews

## White Background



This preview shows how the Hex color 225D6D looks on a white background.

## Color Contrast Check

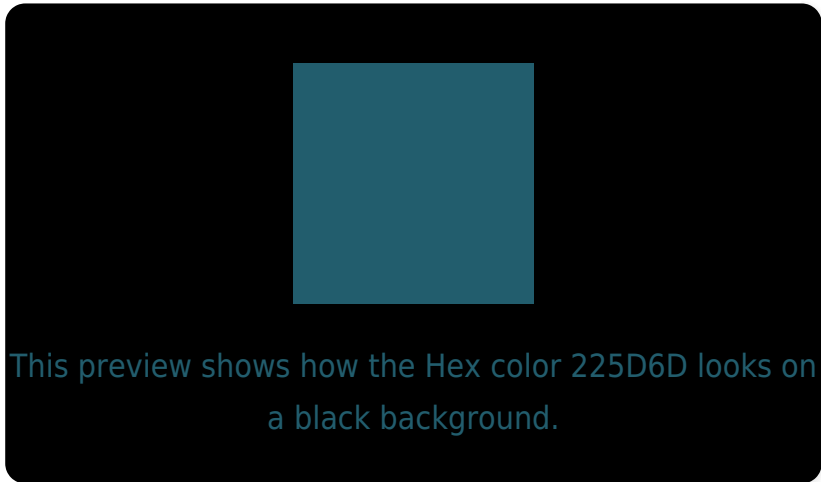
Large Text (above 18pt) WCAG AA ✓ Pass

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 225D6D Background



This preview shows how black text looks on a background with the Hex color 225D6D.

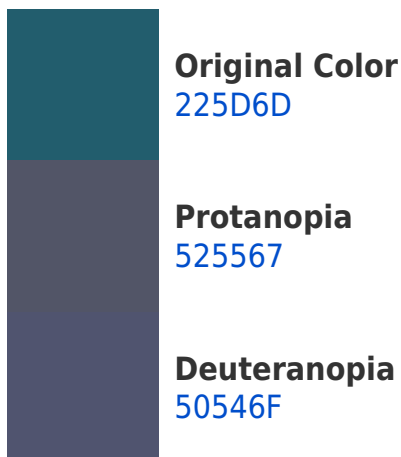


This preview shows how white text looks on a background with the Hex color 225D6D.

# 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](#).

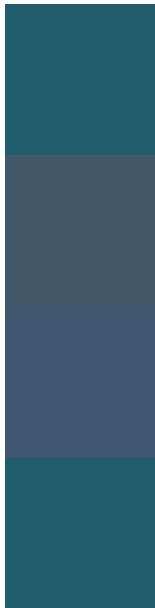
## Dichromacy





**Tritanopia**  
1E5E66

# Trichromacy



**Original Color**  
225D6D

**Protanomaly**  
415869

**Deuteranomaly**  
3F576E

**Tritanomaly**  
1F5E69

# Monochromacy



**Original Color**  
225D6D

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
3D5359

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 225D6D 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 #225D6D looks like.

```
.text, #text, p{  
    color:#225D6D  
}
```

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 #225D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225D6D  
}
```

## Border

The CSS property to change the border of an element to Hex 225D6D 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  
#225D6D }
```

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

```
.border{ border-color:#225D6D }
```

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

Here you see how a box with a 4 pixel #225D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225D6D; -webkit-box-shadow:4px 4px  
4px 4px #225D6D; box-shadow:4px 4px 4px  
4px #225D6D }
```

# Background

The CSS property to change the background color of an element to Hex 225D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225D6D }
```

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

```
.background{ background-color:#225D6D }
```

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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