

# Converting Colors

Hex(203D76)

Have a look what the booklet for  
Hex(203D76) contains.

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# Color

**Hex(203D76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	203D76
RGB	32, 61, 118
RGB Percent	13%, 24%, 46%
CMY	0.8745, 0.7608, 0.5373
CMYK	0.73, 0.48, 0.00, 0.54
HSL	220°, 57%, 29%
HSV	220°, 73%, 46%
XYZ	5.5344, 4.9526, 17.8038
YIQ	58.8270, -35.5810, 11.5790

# Conversions

## Conversions Part 2

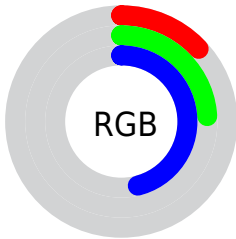
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 54, 118
Decimal	2112886
CIE <sub>Lab</sub>	26.60, 10.18, -35.92
CIE <sub>LCh</sub>	27, 37.333, 285.824
Yxy	4.9526, 0.1956, 0.1751
Android (android.graphics.Color)	4280302966 (0xFF203D76)
YUV	58.8270, 29.1723, -23.5273
Hunter-Lab	22.2544, 5.4459, -31.8547

# Details

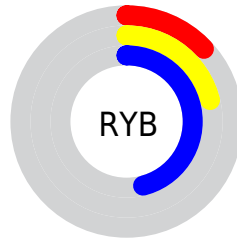
The Hex color **203D76** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **765920**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **586CAB**, and **001445** is the 20% darker color. If you saturate the color by 10%, you get **143576**, and if you desaturate by 10%, it is **2C4576**.

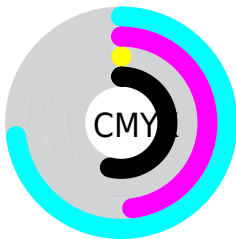
# Distribution



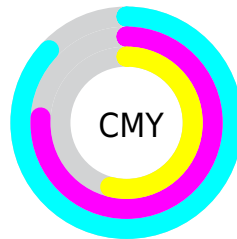
- Red (13%)
- Green (24%)
- Blue (46%)



- Red (13%)
- Yellow (21%)
- Blue (46%)



- Cyan (73%)
- Magenta (48%)
- Yellow (0%)
- Black (54%)



- Cyan (87%)
- Magenta (76%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 203D76 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 203D76 by changing the saturation by 10% instead.



■ 203D76

■ 203D76

FFFFFF

■ 00285D

■ 586CAB

■ 001445

■ 7385C6

■ 00042E

■ 8E9FE2

■ 000119

■ AABAFF

■ 000000

■ C6D6FF

■ E3F2FF

■ 203D76

■ 203D76

■ 143576

■ 2C4576

■ 082D76

■ 384D76

■ 002876

■ 435476

■ 4F5C76

■ 5B6476

■ 676C76

■ 737476

■ 7E7C76

■ 8A8376

# Harmonies

## Analogous

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



004676



203D76



533067

# Triad

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



203D76



6A2C17



004B30

# Complementary

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



203D76



765920

# 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.



1C4814



203D76



583900

# Square

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



203D76



722231



3F4200



004C4E

# Rectangle

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



203D76



652857



3F4200



004A26



# Sweetspot

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



203D76



778399



207658



393F4D



CCCCCC



4D4D4D



# Same Dimension

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



203D76



144199



2D2076



35373B



00297A



0054FA



# Inverse Universe

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



76203D



991441



697620



3B3537



7A0029



FA0054



# Previews

## White Background



This preview shows how the Hex color 203D76 looks on a white background.

## Color Contrast Check

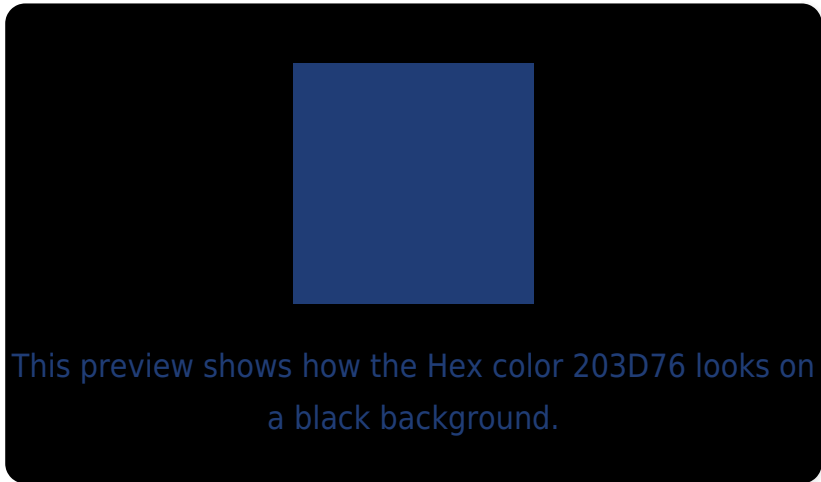
Large Text (above 18pt) WCAG AA ✓ Pass

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 203D76 Background



This preview shows how black text looks on a background with the Hex color 203D76.



This preview shows how white text looks on a background with the Hex color 203D76.

# 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**  
203D76

**Protanopia**  
203D76

**Deuteranopia**  
004071



**Tritanopia**  
00464B

# Trichromacy



**Original Color**  
203D76

**Protanomaly**  
203D76

**Deuteranomaly**  
0C3F73

**Tritanomaly**  
0C435B

# Monochromacy



**Original Color**  
203D76

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
313C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 203D76 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 #203D76 looks like.

```
.text, #text, p{  
    color:#203D76  
}
```

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 #203D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203D76
}
```

## Border

The CSS property to change the border of an element to Hex 203D76 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
#203D76 }
```

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

```
.border{ border-color:#203D76 }
```

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

Here you see how a box with a 4 pixel #203D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203D76; -webkit-box-shadow:4px 4px  
4px 4px #203D76; box-shadow:4px 4px 4px  
4px #203D76 }
```

# Background

The CSS property to change the background color of an element to Hex 203D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203D76 }
```

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

```
.background{ background-color:#203D76 }
```

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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