

# Converting Colors

Hex(1D476F)

Have a look what the booklet for  
Hex(1D476F) contains.

<b>Hex(1D476F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1D476F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D476F
RGB	29, 71, 111
RGB Percent	11%, 28%, 44%
CMY	0.8863, 0.7216, 0.5647
CMYK	0.74, 0.36, 0.00, 0.56
HSL	209°, 59%, 27%
HSV	209°, 74%, 44%
XYZ	5.6292, 5.9154, 15.8840
YIQ	63.0020, -37.8720, 3.5360

# Conversions

## Conversions Part 2

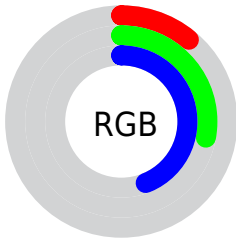
Format	Color
R <sub>Y</sub> B	29, 57, 111
Decimal	1918831
CIE Lab	29.20, 0.08, -27.36
CIE LCh	29, 27.357, 270.164
Yxy	5.9154, 0.2052, 0.2157
Android (android.graphics.Color)	4280108911 (0xFF1D476F)
YUV	63.0020, 23.6630, -29.8198
Hunter-Lab	24.3216, -1.2493, -21.6962




# Details

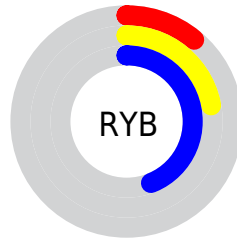
The Hex color **1D476F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6F451D**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **5477A3**, and **001C3F** is the 20% darker color. If you saturate the color by 10%, you get **12426F**, and if you desaturate by 10%, it is **284C6F**.

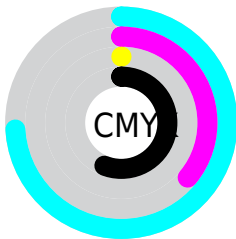
# Distribution







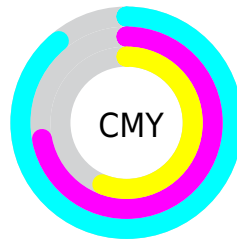
-  Red (11%)
-  Green (28%)
-  Blue (44%)






-  Red (11%)
-  Yellow (22%)
-  Blue (44%)



-  Cyan (74%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (89%)
-  Magenta (72%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D476F 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 1D476F by changing the saturation by 10% instead.



■ 1D476F

■ 1D476F

FFFFFF

■ 003156

■ 5477A3

■ 001C3F

■ 6F91BE

■ 000329

■ 8AABDA

■ 000113

■ A5C6F7

■ 000000

■ C1E2FF

■ DEFFFF

■ FBFFFF

■ 1D476F

■ 1D476F

■ 12426F

■ 284C6F

■ 073C6F

■ 33526F

■ 00396F

■ 3E576F

■ 495D6F

■ 55626F

■ 60676F

■ 6B6D6F

■ 76726F

■ 81786F

# Harmonies

## Analogous

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



004C69



1D476F



463F69

# Triad

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



1D476F



6B3531



204E2F

# Complementary

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



1D476F



6F451D

# 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.



3C4A1F



1D476F



623C20

# Square

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



1D476F



6B3346



514419



004F44

# Rectangle

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



1D476F



583A60



514419



2A4D29



# Sweetspot

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



1D476F



718291



1D6F45



37414A



C9C9C9



4A4A4A



# Same Dimension

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



1D476F



105291



1D1E6F



323538



003D78



007FF7



# Inverse Universe

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



6F1D47



911052



6F6E1D



383235



78003D



F7007F



# Previews

## White Background



This preview shows how the Hex color 1D476F looks on a white background.

## Color Contrast Check

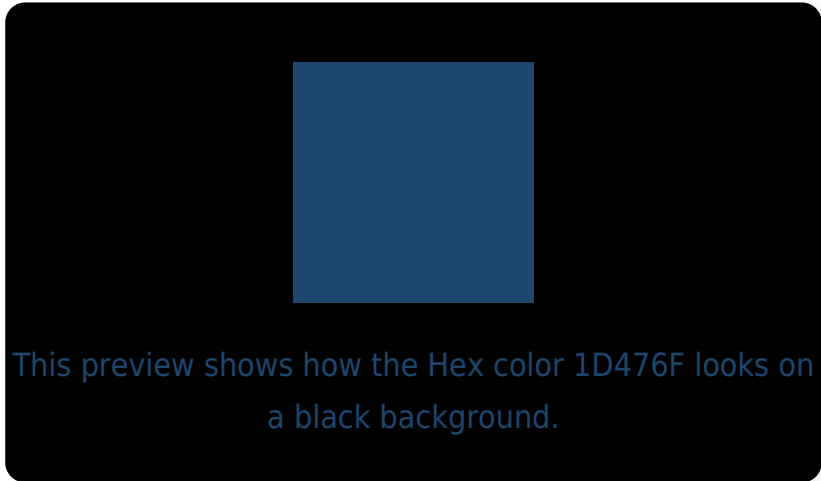
Large Text (above 18pt) WCAG AA ✓ Pass

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

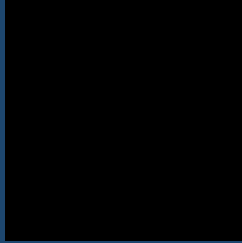
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D476F Background



This preview shows how black text looks on a background with the Hex color 1D476F.

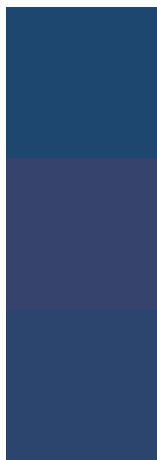


This preview shows how white text looks on a background with the Hex color 1D476F.

# 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**  
1D476F

**Protanopia**  
36436C

**Deuteranopia**  
2B456F



# Trichromacy



**Original Color**  
1D476F

**Protanomaly**  
2D446D

**Deuteranomaly**  
26466F

**Tritanomaly**  
0B4A5D

# Monochromacy



**Original Color**  
1D476F

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
334250

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D476F 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 #1D476F looks like.

```
.text, #text, p{  
    color:#1D476F  
}
```

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 #1D476F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D476F
}
```

## Border

The CSS property to change the border of an element to Hex 1D476F 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
#1D476F }
```

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

```
.border{ border-color:#1D476F }
```

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

Here you see how a box with a 4 pixel #1D476F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D476F; -webkit-box-shadow:4px 4px  
4px 4px #1D476F; box-shadow:4px 4px 4px  
4px #1D476F }
```

# Background

The CSS property to change the background color of an element to Hex 1D476F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D476F }
```

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

```
.background{ background-color:#1D476F }
```

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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