

# Converting Colors

Hex(1F3D5E)

Have a look what the booklet for  
Hex(1F3D5E) contains.

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# Color

**Hex(1F3D5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F3D5E
RGB	31, 61, 94
RGB Percent	12%, 24%, 37%
CMY	0.8784, 0.7608, 0.6314
CMYK	0.67, 0.35, 0.00, 0.63
HSL	211°, 50%, 25%
HSV	211°, 67%, 37%
XYZ	4.2542, 4.4369, 11.2219
YIQ	55.7920, -28.4730, 3.9030

# Conversions

## Conversions Part 2

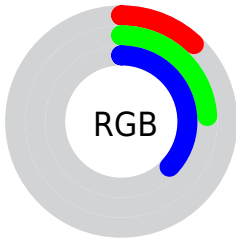
Format	Color
<b>R<sub>YB</sub></b>	31, 51, 94
Decimal	2047326
CIE Lab	25.07, 0.52, -22.97
CIE LCh	25, 22.972, 271.288
Yxy	4.4369, 0.2136, 0.2228
Android (android.graphics.Color)	4280237406 (0xFF1F3D5E)
YUV	55.7920, 18.8365, -21.7426
Hunter-Lab	21.0641, -0.8114, -16.8419




# Details

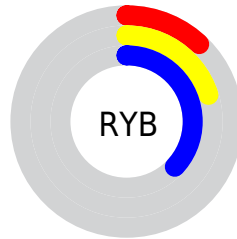
The Hex color **1F3D5E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E401F**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **526C91**, and **001330** is the 20% darker color. If you saturate the color by 10%, you get **16385E**, and if you desaturate by 10%, it is **28425E**.

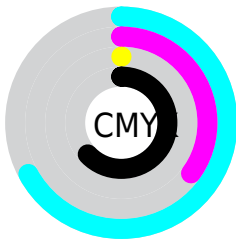
# Distribution







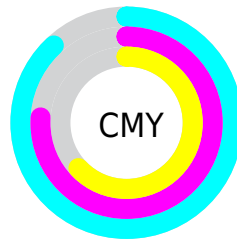
-  Red (12%)
-  Green (24%)
-  Blue (37%)






-  Red (12%)
-  Yellow (20%)
-  Blue (37%)



-  Cyan (67%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (88%)
-  Magenta (76%)
-  Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F3D5E 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 1F3D5E by changing the saturation by 10% instead.



■ 1F3D5E

■ 1F3D5E

FFFFFF

■ 002746

■ 526C91

■ 001330

■ 6C85AB

■ 00011B

■ 869FC7

■ 000000

■ A1BAE3

■ BDD6FF

■ D9F2FF

■ F6FFFF

■ 1F3D5E

■ 1F3D5E

■ 16385E

■ 28425E

■ 0C335E

■ 32475E

■ 032E5E

■ 3B4C5E

■ 002D5E

■ 45515E

■ 4E565E

■ 575B5E

■ 615F5E

■ 6A645E

■ 74695E

# Harmonies

## Analogous

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



00425A



1F3D5E



3E3759

# Triad

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



1F3D5E



5B2F2A



1D432A

# Complementary

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



1F3D5E



5E401F

# 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.



33401D



1F3D5E



53351D

# Square

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



1F3D5E



5B2D3B



453B18



00443C

# Rectangle

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



1F3D5E



4C3251



453B18



254225



# Sweetspot

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



1F3D5E



626E7A



1F5E40



2F363D



BDBDBD



3D3D3D



# Same Dimension

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



1F3D5E



18477A



201F5E



292B2E



00346E



0071ED



# Inverse Universe

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



5E1F3D



7A1847



5D5E1F



2E292B



6E0034



ED0071



# Previews

## White Background



This preview shows how the Hex color 1F3D5E looks on a white background.

## Color Contrast Check

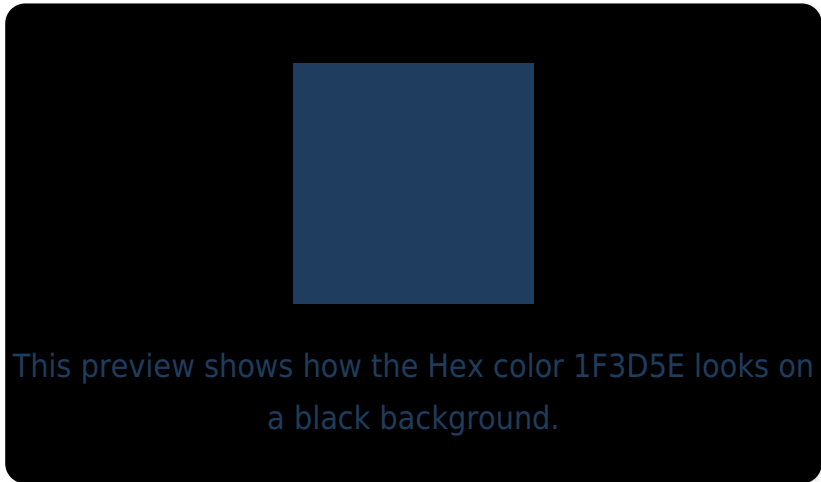
Large Text (above 18pt) WCAG AA ✓ Pass

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

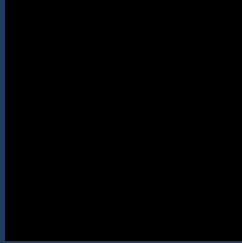
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F3D5E Background



This preview shows how black text looks on a background with the Hex color 1F3D5E.



This preview shows how white text looks on a background with the Hex color 1F3D5E.

# 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**

1F3D5E

**Protanopia**

2F3A5C

**Deuteranopia**

283B5E



**Tritanopia**  
104247

# Trichromacy



**Original Color**  
1F3D5E

**Protanomaly**  
293B5D

**Deuteranomaly**  
253C5E

**Tritanomaly**  
15404F

# Monochromacy



**Original Color**  
1F3D5E

**Achromatopsia**  
383838

**Achromatomaly**  
2F3A46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F3D5E 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 #1F3D5E looks like.

```
.text, #text, p{  
    color:#1F3D5E  
}
```

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 #1F3D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3D5E
}
```

## Border

The CSS property to change the border of an element to Hex 1F3D5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

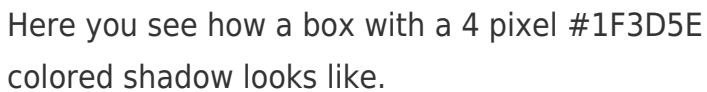
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F3D5E }
```

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

```
.border{ border-color:#1F3D5E }
```

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



Here you see how a box with a 4 pixel #1F3D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3D5E; -webkit-box-shadow:4px 4px  
4px 4px #1F3D5E; box-shadow:4px 4px 4px  
4px #1F3D5E }
```

# Background

The CSS property to change the background color of an element to Hex 1F3D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3D5E }
```

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

```
.background{ background-color:#1F3D5E }
```

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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