

Converting Colors

Hex(1F3B5E)

Have a look what the booklet for
Hex(1F3B5E) contains.

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Color

Hex(1F3B5E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 1F3B5E |
| RGB | 31, 59, 94 |
| RGB Percent | 12%, 23%, 37% |
| CMY | 0.8784, 0.7686, 0.6314 |
| CMYK | 0.67, 0.37, 0.00, 0.63 |
| HSL | 213°, 50%, 25% |
| HSV | 213°, 67%, 37% |
| XYZ | 4.1494, 4.2274, 11.1869 |
| YIQ | 54.6180, -27.9230, 4.9490 |

Conversions

Conversions Part 2

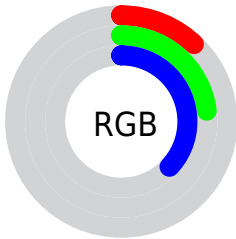
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 31, 50, 94 |
| Decimal | 2046814 |
| CIE Lab | 24.41, 1.88, -24.00 |
| CIE LCh | 24, 24.075, 274.475 |
| Yxy | 4.2274, 0.2121, 0.2161 |
| Android (android.graphics.Color) | 4280236894 (0xFF1F3B5E) |
| YUV | 54.6180, 19.4153, -20.7130 |
| Hunter-Lab | 20.5606, 0.0427, -17.8670 |




Details

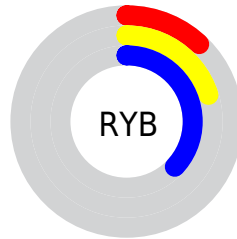
The Hex color **1F3B5E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E421F**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **526A91**, and **001030** is the 20% darker color. If you saturate the color by 10%, you get **16365E**, and if you desaturate by 10%, it is **28405E**.

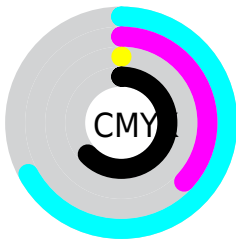
Distribution







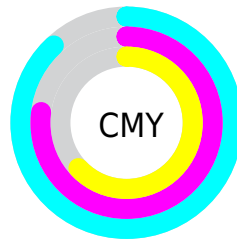
-  Red (12%)
-  Green (23%)
-  Blue (37%)






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



-  Cyan (67%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (88%)
-  Magenta (77%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F3B5E 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 1F3B5E by changing the saturation by 10% instead.

■ 1F3B5E

■ 1F3B5E

FFFFFF

■ 002646

■ 526A91

■ 001030

■ 6C83AB

■ 00011A

■ 869DC7

■ 000000

■ A1B8E3

■ BDD3FF

■ D9F0FF

■ F6FFFF

■ 1F3B5E

■ 1F3B5E

■ 16365E

■ 28405E

■ 0C315E

■ 32455E

■ 032B5E

■ 3B4B5E

■ 002A5E

■ 45505E

■ 4E555E

■ 575A5E

■ 61605E

■ 6A655E

■ 746A5E

Harmonies

Analogous

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



00405A



1F3B5E



3F3458

Triad

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



1F3B5E



5A2D26



16422A

Complementary

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



1F3B5E



5E421F

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.



2F3F1B



1F3B5E



513319

Square

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



1F3B5E



5B2B38



423A15



00433C

Rectangle

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



1F3B5E



4D304F



423A15



204124

Sweetspot

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



1F3B5E



626D7A



1F5E42



2F353D



BDBDBD



3D3D3D

Same Dimension

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



1F3B5E



18447A



221F5E



292B2E



00316E



0069ED

Inverse Universe

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



5E1F3B



7A1844



5B5E1F



2E292B



6E0031



ED0069

Previews

White Background



This preview shows how the Hex color 1F3B5E looks on a white background.

Color Contrast Check

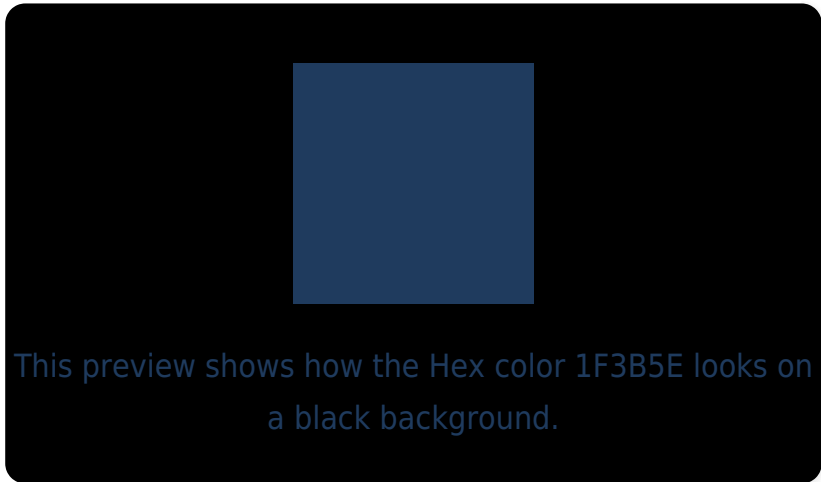
Large Text (above 18pt) WCAG AA ✓ Pass

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

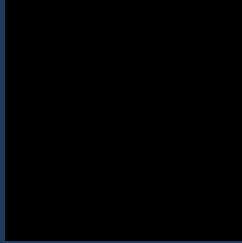
Any Text WCAG AA × Fail

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 1F3B5E Background



This preview shows how black text looks on a background with the Hex color 1F3B5E.



This preview shows how white text looks on a background with the Hex color 1F3B5E.

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

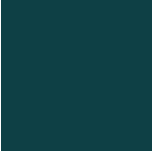
1F3B5E

Protanopia

2D395C

Deuteranopia

243A5E



Tritanopia
0E4045

Trichromacy



Original Color
1F3B5E

Protanomaly
283A5D

Deuteranomaly
223A5E

Tritanomaly
143E4E

Monochromacy



Original Color
1F3B5E

Achromatopsia
373737

Achromatomaly
2E3845

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F3B5E 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 #1F3B5E looks like.

```
.text, #text, p{  
    color:#1F3B5E  
}
```

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 #1F3B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3B5E
}
```

Border

The CSS property to change the border of an element to Hex 1F3B5E 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
#1F3B5E }
```

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

```
.border{ border-color:#1F3B5E }
```

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

Here you see how a box with a 4 pixel #1F3B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3B5E; -webkit-box-shadow:4px 4px  
4px 4px #1F3B5E; box-shadow:4px 4px 4px  
4px #1F3B5E }
```

Background

The CSS property to change the background color of an element to Hex 1F3B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3B5E }
```

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

```
.background{ background-color:#1F3B5E }
```

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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