

Converting Colors

Hex(1F2447)

Have a look what the booklet for
Hex(1F2447) contains.

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Color

Hex(1F2447)

Conversions

Conversions Part 1

Format	Color
Hex	1F2447
RGB	31, 36, 71
RGB Percent	12%, 14%, 28%
CMY	0.8784, 0.8588, 0.7216
CMYK	0.56, 0.49, 0.00, 0.72
HSL	232°, 39%, 20%
HSV	232°, 56%, 28%
XYZ	2.3333, 2.0080, 6.2258
YIQ	38.4950, -14.2150, 9.8250

Conversions

Conversions Part 2

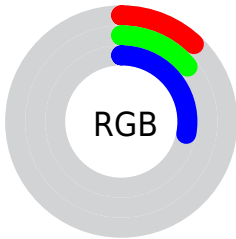
Format	Color
R_{YB}	31, 35, 71
Decimal	2040903
CIE _{Lab}	15.53, 9.41, -22.69
CIE _{LCh}	16, 24.566, 292.534
Yxy	2.0080, 0.2208, 0.1900
Android (android.graphics.Color)	4280230983 (0xFF1F2447)
YUV	38.4950, 16.0250, -6.5731
Hunter-Lab	14.1704, 4.5935, -16.1302




Details

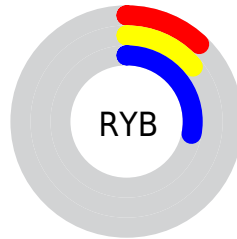
The Hex color **1F2447** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **47421F**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **4E5078**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **181E47**, and if you desaturate by 10%, it is **262A47**.

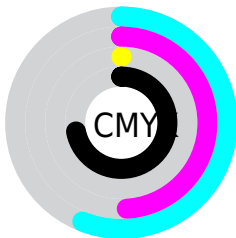
Distribution







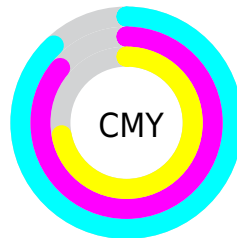
-  Red (12%)
-  Green (14%)
-  Blue (28%)






-  Red (12%)
-  Yellow (14%)
-  Blue (28%)



-  Cyan (56%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (88%)
-  Magenta (86%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F2447 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 1F2447 by changing the saturation by 10% instead.

■ 1F2447

■ 1F2447

FFFFFF

■ 080F30

■ 4E5078

■ 00011B

■ 676892

■ 000000

■ 8181AC

■ 9B9BC8

■ B6B6E4

■ D2D2FF

■ EFEEFF

■ 1F2447

■ 1F2447

■ 181E47

■ 262A47

■ 111847

■ 2D3047

■ 0A1147

■ 343747

■ 030B47

■ 3B3D47

■ 000947

■ 434347

■ 4A4947

■ 514F47

■ 585647

■ 5F5C47

Harmonies

Analogous

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



002A49



1F2447



381C3C

Triad

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



1F2447



401D09



002F22

Complementary

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



1F2447



47421F

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.



0D2D10



1F2447



342400

Square

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



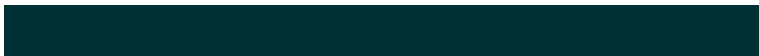
1F2447



46171B



242A00



002F34

Rectangle

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



1F2447



411832



242A00



002E1C

Sweetspot

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



1F2447



4C4E5C



1F4742



25262E



ADADAD



2E2E2E

Same Dimension

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



1F2447



1D255C



2E1F47



202124



000C63



001CE3

Inverse Universe

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



471F24



5C1D25



38471F



242021



63000C



E3001C

Previews

White Background



This preview shows how the Hex color 1F2447 looks on a white background.

Color Contrast Check

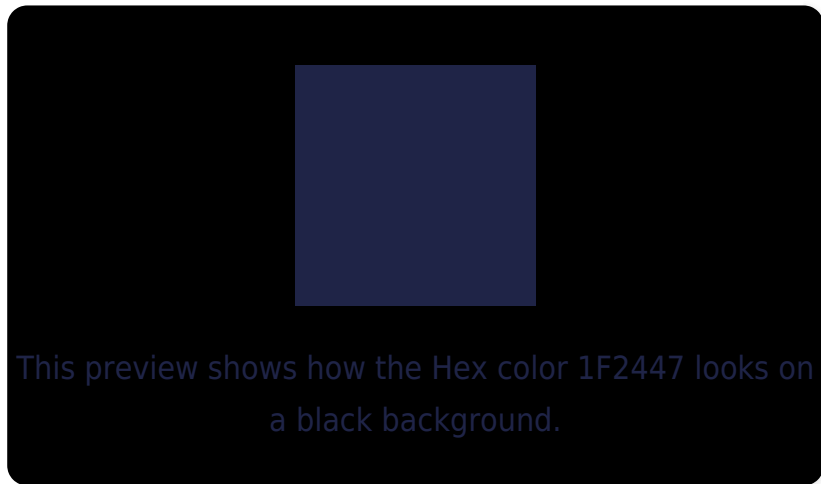
Large Text (above 18pt) WCAG AA ✓ Pass

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

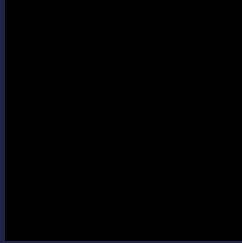
Any Text WCAG AA × Fail

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 1F2447 Background



This preview shows how black text looks on a background with the Hex color 1F2447.



This preview shows how white text looks on a background with the Hex color 1F2447.

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
1F2447

Protanopia
142649

Deuteranopia
052846

Trichromacy



Original Color
1F2447

Protanomaly
182548

Deuteranomaly
0E2746

Tritanomaly
192836

Monochromacy



Original Color
1F2447

Achromatopsia
262626

Achromatomaly
232532

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F2447 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 #1F2447 looks like.

```
.text, #text, p{  
    color:#1F2447  
}
```

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 #1F2447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F2447
}
```

Border

The CSS property to change the border of an element to Hex 1F2447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

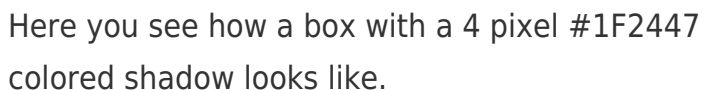
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F2447 }
```

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

```
.border{ border-color:#1F2447 }
```

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



Here you see how a box with a 4 pixel #1F2447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F2447; -webkit-box-shadow:4px 4px  
4px 4px #1F2447; box-shadow:4px 4px 4px  
4px #1F2447 }
```

Background

The CSS property to change the background color of an element to Hex 1F2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F2447 }
```

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

```
.background{ background-color:#1F2447 }
```

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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