

Converting Colors

Hex(1F3966)

Have a look what the booklet for
Hex(1F3966) contains.

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Color

Hex(1F3966)

Conversions

Conversions Part 1

Format	Color
Hex	1F3966
RGB	31, 57, 102
RGB Percent	12%, 22%, 40%
CMY	0.8784, 0.7765, 0.6000
CMYK	0.70, 0.44, 0.00, 0.60
HSL	218°, 53%, 26%
HSV	218°, 70%, 40%
XYZ	4.4265, 4.1769, 13.1433
YIQ	54.3560, -29.9410, 8.4830

Conversions

Conversions Part 2

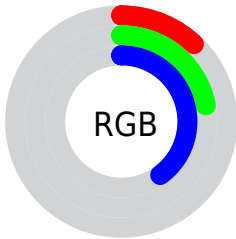
Format	Color
R_{YB}	31, 50, 102
Decimal	2046310
CIE Lab	24.25, 6.41, -29.45
CIE LCh	24, 30.139, 282.278
Yxy	4.1769, 0.2035, 0.1921
Android (android.graphics.Color)	4280236390 (0xFF1F3966)
YUV	54.3560, 23.4885, -20.4832
Hunter-Lab	20.4374, 2.8953, -23.8232

Details

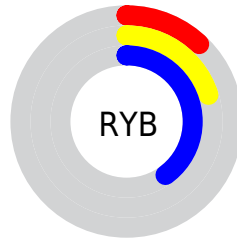
The Hex color **1F3966** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **664C1F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **546899**, and **000E37** is the 20% darker color. If you saturate the color by 10%, you get **153366**, and if you desaturate by 10%, it is **293F66**.

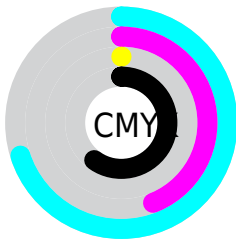
Distribution



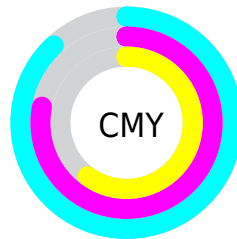
- Red (12%)
- Green (22%)
- Blue (40%)



- Red (12%)
- Yellow (20%)
- Blue (40%)



- Cyan (70%)
- Magenta (44%)
- Yellow (0%)
- Black (60%)



- Cyan (88%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F3966 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 1F3966 by changing the saturation by 10% instead.

■ 1F3966

■ 1F3966

FFFFFF

■ 00244E

■ 546899

■ 000E37

■ 6E81B4

■ 000221

■ 889BD0

■ 000006

■ A4B5EC

■ 000000

■ BFD1FF

■ DCEDFF

■ F9FFFF

■ 1F3966

■ 1F3966

■ 153366

■ 293F66

■ 0B2C66

■ 334666

■ 002666

■ 3E4C66

■ 002566

■ 485366

■ 525966

■ 5C6066

■ 666666

■ 716D66

■ 7B7366

Harmonies

Analogous

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



004065



1F3966



47305B

Triad

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



1F3966



5E2B1C



00442B

Complementary

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



1F3966



664C1F

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.



244116



1F3966



51340C

Square

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



1F3966



632531



3D3B09



004543

Rectangle

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



1F3966



56294F



3D3B09



074324

Sweetspot

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



1F3966



697385



1F664C



323842



C2C2C2



424242

Same Dimension

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



1F3966



153E85



281F66



2E3033



002A73



0059F2

Inverse Universe

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



661F39



85153E



5D661F



332E30



73002A



F20059

Previews

White Background



This preview shows how the Hex color 1F3966 looks on a white background.

Color Contrast Check

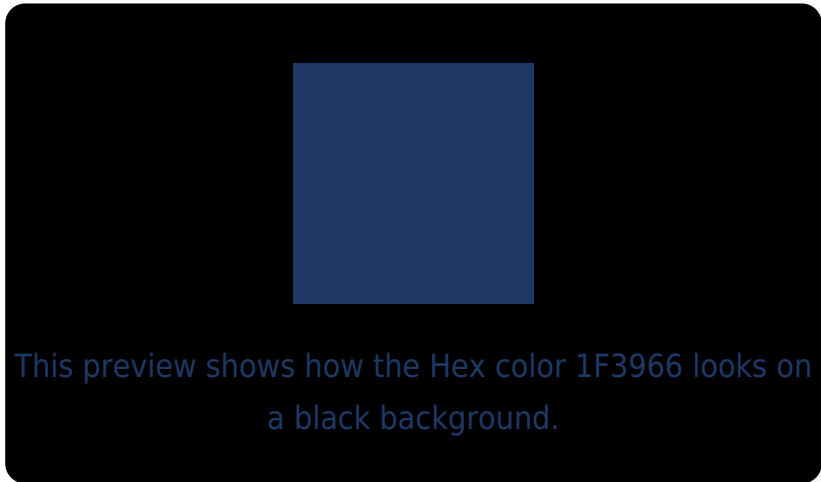
Large Text (above 18pt) WCAG AA ✓ Pass

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

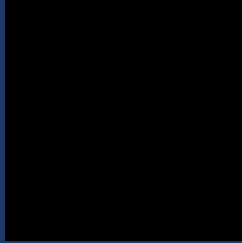
Any Text WCAG AA × Fail

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 1F3966 Background



This preview shows how black text looks on a background with the Hex color 1F3966.



This preview shows how white text looks on a background with the Hex color 1F3966.

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

1F3966

Protanopia

253865

Deuteranopia

133A66

Trichromacy



Original Color
1F3966

Protanomaly
233865

Deuteranomaly
173A66

Tritanomaly
0B3D51

Monochromacy



Original Color
1F3966

Achromatopsia
363636

Achromatomaly
2E3747

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F3966 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 #1F3966 looks like.

```
.text, #text, p{  
    color:#1F3966  
}
```

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 #1F3966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3966
}
```

Border

The CSS property to change the border of an element to Hex 1F3966 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
#1F3966 }
```

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

```
.border{ border-color:#1F3966 }
```

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

Here you see how a box with a 4 pixel #1F3966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3966; -webkit-box-shadow:4px 4px  
4px 4px #1F3966; box-shadow:4px 4px 4px  
4px #1F3966 }
```

Background

The CSS property to change the background color of an element to Hex 1F3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3966 }
```

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

```
.background{ background-color:#1F3966 }
```

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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