

Converting Colors

Hex(1F3358)

Have a look what the booklet for
Hex(1F3358) contains.

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Color

Hex(1F3358)

Conversions

Conversions Part 1

Format	Color
Hex	1F3358
RGB	31, 51, 88
RGB Percent	12%, 20%, 35%
CMY	0.8784, 0.8000, 0.6549
CMYK	0.65, 0.42, 0.00, 0.65
HSL	219°, 48%, 23%
HSV	219°, 65%, 35%
XYZ	3.5104, 3.3635, 9.6967
YIQ	49.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

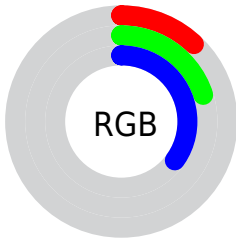
Format	Color
R_{YB}	31, 46, 88
Decimal	2044760
CIE _{Lab}	21.44, 5.11, -24.75
CIE _{LCh}	21, 25.276, 281.665
Yxy	3.3635, 0.2118, 0.2030
Android (android.graphics.Color)	4280234840 (0xFF1F3358)
YUV	49.2380, 19.1097, -15.9947
Hunter-Lab	18.3400, 2.0708, -18.5099




Details

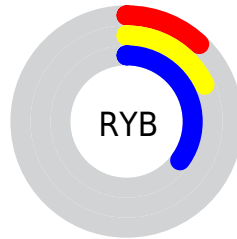
The Hex color **1F3358** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **58441F**, and the grayscale version is **313131**.




A 20% lighter version of the original color is **51618A**, and **00042A** is the 20% darker color. If you saturate the color by 10%, you get **162D58**, and if you desaturate by 10%, it is **283958**.

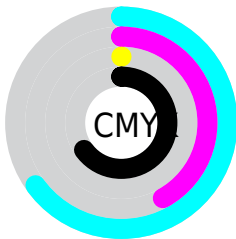
Distribution







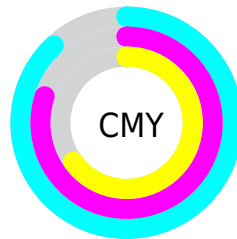
-  Red (12%)
-  Green (20%)
-  Blue (35%)






-  Red (12%)
-  Yellow (18%)
-  Blue (35%)



-  Cyan (65%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (88%)
-  Magenta (80%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F3358 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 1F3358 by changing the saturation by 10% instead.

■ 1F3358

■ 1F3358

FFFFFF

■ 021E40

■ 51618A

■ 00042A

■ 6A7AA5

■ 000115

■ 8593C0

■ 000000

■ 9FAEDC

■ BBC9F8

■ D7E5FF

■ F4FFFF

■ 1F3358

■ 1F3358

■ 162D58

■ 283958

■ 0D2858

■ 313E58

■ 052258

■ 394458

■ 001F58

■ 424A58

■ 4B5058

■ 545558

■ 5D5B58

■ 656158

■ 6E6658

Harmonies

Analogous

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



003957



1F3358



3E2C4F

Triad

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



1F3358



52271C



003C27

Complementary

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



1F3358



58441F

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.



223916



1F3358



472E0F

Square

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



1F3358



56232D



37350C



003D3A

Rectangle

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



1F3358



4B2745



37350C



0F3B21

Sweetspot

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



1F3358



5D6573



1F5843



2D323B



BABABA



3B3B3B

Same Dimension

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



1F3358



193973



271F58



27292B



00266B



0052EB

Inverse Universe

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



581F33



731939



50581F



2B2729



6B0026



EB0052

Previews

White Background



This preview shows how the Hex color 1F3358 looks on a white background.

Color Contrast Check

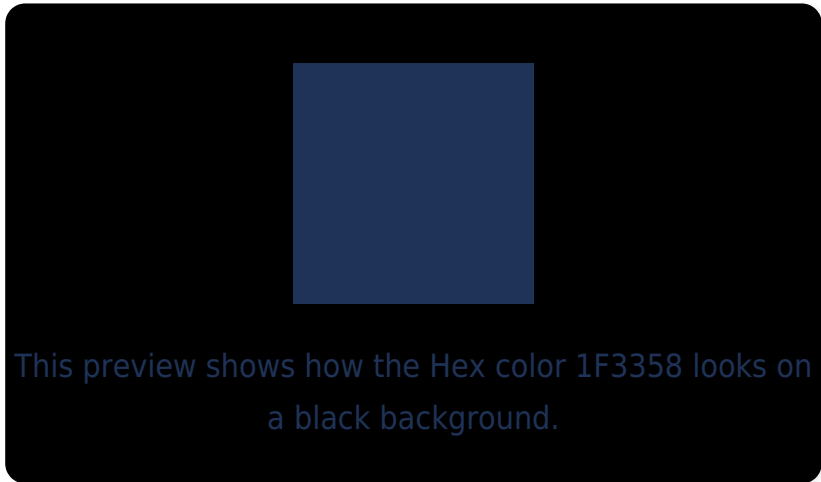
Large Text (above 18pt) WCAG AA ✓ Pass

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

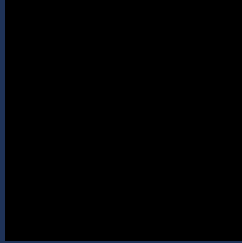
Any Text WCAG AA × Fail

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 1F3358 Background



This preview shows how black text looks on a background with the Hex color 1F3358.



This preview shows how white text looks on a background with the Hex color 1F3358.

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](#).

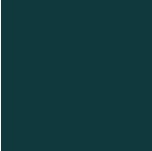
Dichromacy



Original Color
1F3358

Protanopia
243257

Deuteranopia
193458



Tritanopia
0F393D

Trichromacy



Original Color

1F3358

Protanomaly

223257

Deuteranomaly

1B3458

Tritanomaly

153747

Monochromacy



Original Color

1F3358

Achromatopsia

313131

Achromatomaly

2A323F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F3358 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 #1F3358 looks like.

```
.text, #text, p{  
    color:#1F3358  
}
```

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 #1F3358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3358  
}
```

Border

The CSS property to change the border of an element to Hex 1F3358 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  
#1F3358 }
```

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

```
.border{ border-color:#1F3358 }
```

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

Here you see how a box with a 4 pixel #1F3358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3358; -webkit-box-shadow:4px 4px  
4px 4px #1F3358; box-shadow:4px 4px 4px  
4px #1F3358 }
```

Background

The CSS property to change the background color of an element to Hex 1F3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3358 }
```

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

```
.background{ background-color:#1F3358 }
```

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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