

Converting Colors

Hex(1F2858)

Have a look what the booklet for
Hex(1F2858) contains.

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Color

Hex(1F2858)

Conversions

Conversions Part 1

Format	Color
Hex	1F2858
RGB	31, 40, 88
RGB Percent	12%, 16%, 35%
CMY	0.8784, 0.8431, 0.6549
CMYK	0.65, 0.55, 0.00, 0.65
HSL	231°, 48%, 23%
HSV	231°, 65%, 35%
XYZ	3.0853, 2.5135, 9.5551
YIQ	42.7810, -20.7720, 13.0200

Conversions

Conversions Part 2

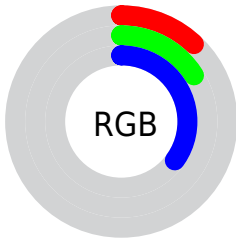
Format	Color
R_{YB}	31, 39, 88
Decimal	2041944
CIE _{Lab}	17.98, 13.04, -30.29
CIE _{LCh}	18, 32.977, 293.284
Yxy	2.5135, 0.2036, 0.1659
Android (android.graphics.Color)	4280232024 (0xFF1F2858)
YUV	42.7810, 22.2930, -10.3319
Hunter-Lab	15.8539, 6.9933, -24.6359

Details

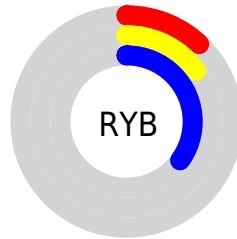
The Hex color **1F2858** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **584F1F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **51558A**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **162158**, and if you desaturate by 10%, it is **282F58**.

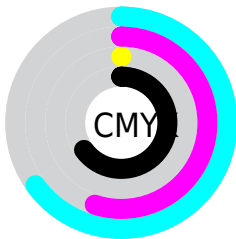
Distribution



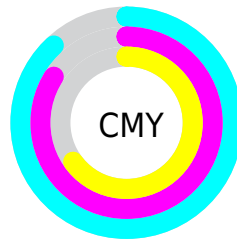
- Red (12%)
- Green (16%)
- Blue (35%)



- Red (12%)
- Yellow (15%)
- Blue (35%)



- Cyan (65%)
- Magenta (55%)
- Yellow (0%)
- Black (65%)



- Cyan (88%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F2858 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 1F2858 by changing the saturation by 10% instead.

■ 1F2858

■ 1F2858

FFFFFF

■ 011440

■ 51558A

■ 00002A

■ 6B6DA5

■ 000114

■ 8586C0

■ 000000

■ A0A0DC

■ BCBBF9

■ D8D7FF

■ F5F3FF

■ 1F2858

■ 1F2858

■ 162158

■ 282F58

■ 0D1958

■ 313758

■ 051258

■ 393E58

■ 000E58

■ 424658

■ 4B4D58

■ 545458

■ 5D5C58

■ 656358

■ 6E6B58

Harmonies

Analogous

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



00305B



1F2858



431C49

Triad

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



1F2858



4C1F01



003626

Complementary

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



1F2858



584F1F

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.



00340D



1F2858



3C2900

Square

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



1F2858



55141B



263000



00373E

Rectangle

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



1F2858



4F153A



263000



00361D

Sweetspot

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



1F2858



5D6073



1F584E



2D2F3B



BABABA



3B3B3B

Same Dimension

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



1F2858



192773



321F58



27282B



00116B



0025EB

Inverse Universe

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



581F28



731927



45581F



2B2728



6B0011



EB0025

Previews

White Background



This preview shows how the Hex color 1F2858 looks on a white background.

Color Contrast Check

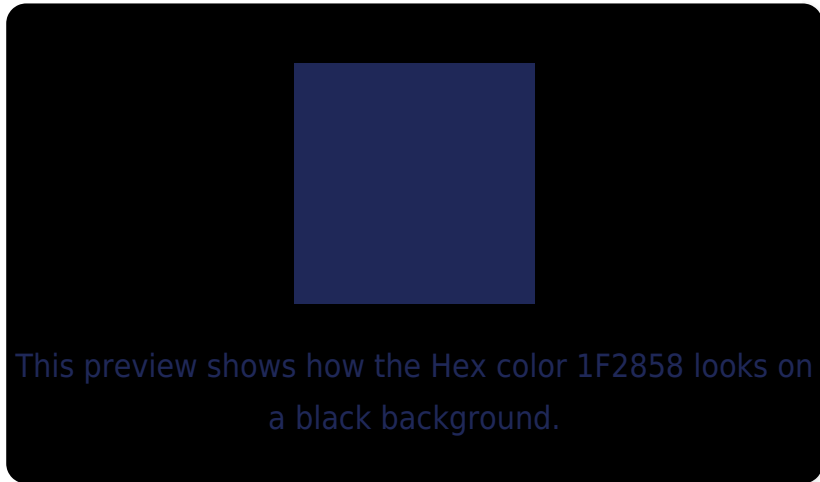
Large Text (above 18pt) WCAG AA ✓ Pass

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

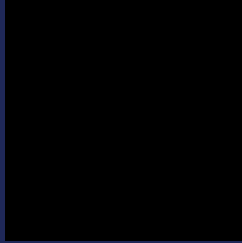
Any Text WCAG AA × Fail

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 1F2858 Background



This preview shows how black text looks on a background with the Hex color 1F2858.



This preview shows how white text looks on a background with the Hex color 1F2858.

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
1F2858

Protanopia
002A5B

Deuteranopia
002D4F



Tritanopia
063135

Trichromacy



Original Color
1F2858

Protanomaly
0B295A

Deuteranomaly
0B2B52

Tritanomaly
0F2E42

Monochromacy



Original Color
1F2858

Achromatopsia
2B2B2B

Achromatomaly
272A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F2858 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 #1F2858 looks like.

```
.text, #text, p{  
    color:#1F2858  
}
```

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 #1F2858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F2858
}
```

Border

The CSS property to change the border of an element to Hex 1F2858 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
#1F2858 }
```

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

```
.border{ border-color:#1F2858 }
```

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

Here you see how a box with a 4 pixel #1F2858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F2858; -webkit-box-shadow:4px 4px  
4px 4px #1F2858; box-shadow:4px 4px 4px  
4px #1F2858 }
```

Background

The CSS property to change the background color of an element to Hex 1F2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F2858 }
```

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

```
.background{ background-color:#1F2858 }
```

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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