

Converting Colors

Hex(1F258F)

Have a look what the booklet for
Hex(1F258F) contains.

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Color

Hex(1F258F)

Conversions

Conversions Part 1

Format	Color
Hex	1F258F
RGB	31, 37, 143
RGB Percent	12%, 15%, 56%
CMY	0.8784, 0.8549, 0.4392
CMYK	0.78, 0.74, 0.00, 0.44
HSL	237°, 64%, 34%
HSV	237°, 78%, 56%
XYZ	6.1846, 3.5976, 26.3550
YIQ	47.2900, -37.6020, 31.6940

Conversions

Conversions Part 2

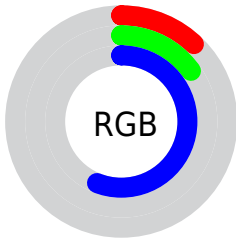
Format	Color
R_{YB}	31, 37, 143
Decimal	2041231
CIE Lab	22.29, 36.05, -58.62
CIE LCh	22, 68.815, 301.589
Yxy	3.5976, 0.1711, 0.0996
Android (android.graphics.Color)	4280231311 (0xFF1F258F)
YUV	47.2900, 47.1850, -14.2863
Hunter-Lab	18.9674, 25.0094, -69.1059

Details

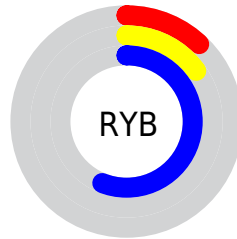
The Hex color **1F258F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F891F**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6053C6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **11178F**, and if you desaturate by 10%, it is **2D338F**.

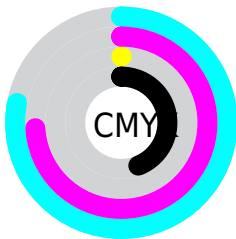
Distribution



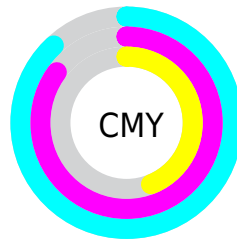
- Red (12%)
- Green (15%)
- Blue (56%)



- Red (12%)
- Yellow (15%)
- Blue (56%)



- Cyan (78%)
- Magenta (74%)
- Yellow (0%)
- Black (44%)



- Cyan (88%)
- Magenta (85%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F258F 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 1F258F by changing the saturation by 10% instead.

■ 1F258F

■ 1F258F

FFFFFF

■ 001075

■ 6053C6

■ 00005B

■ 7C6BE2

■ 000543

■ 9985FF

■ 00032C

■ B69FFF

■ 000116

■ D3BAFF

■ 000000

■ F1D6FF

■ FFF3FF

■ 1F258F

■ 1F258F

■ 11178F

■ 2D338F

■ 020A8F

■ 3C408F

■ 00088F

■ 4A4E8F

■ 585B8F

■ 67698F

■ 75768F

■ 83848F

■ 91918F

■ A09F8F

Harmonies

Analogous

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



003D9F



1F258F



700067

Triad

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



1F258F



671A00



004737

Complementary

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



1F258F



8F891F

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.



004500



1F258F



403500

Square

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



1F258F



810000



004000



00486B

Rectangle

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



1F258F



830046



004000



004625

Sweetspot

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



1F258F



8F92BA



1F8F88



44455E



DEDEDE



5E5E5E

Same Dimension

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



1F258F



0B15BA



501F8F



404147



000787



000008

Inverse Universe

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



8F1F25



BA0B15



5E8F1F



474041



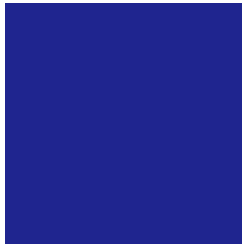
870007



080000

Previews

White Background



This preview shows how the Hex color 1F258F looks on a white background.

Color Contrast Check

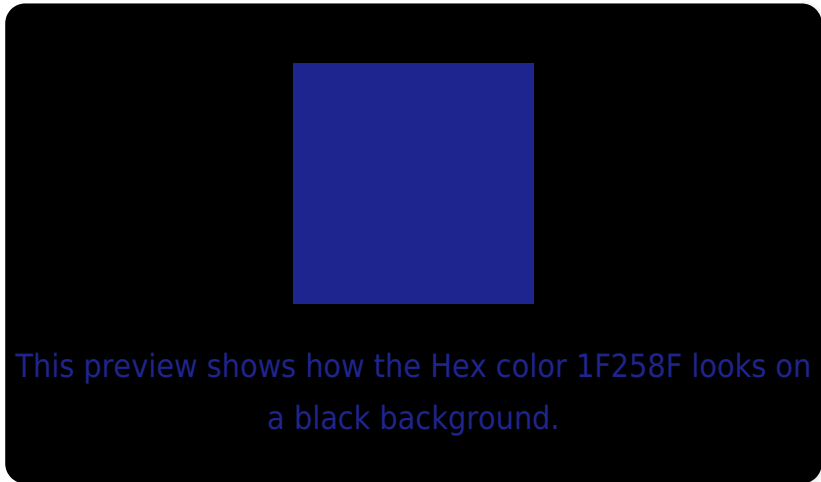
Large Text (above 18pt) WCAG AA ✓ Pass

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

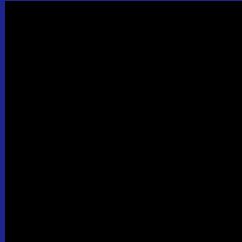
Any Text WCAG AA × Fail

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 1F258F Background



This preview shows how black text looks on a background with the Hex color 1F258F.



This preview shows how white text looks on a background with the Hex color 1F258F.

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
1F258F

Protanopia
00346D

Deuteranopia
00375D



Tritanopia
003C3F

Trichromacy



Original Color
1F258F

Protanomaly
0B2F79

Deuteranomaly
0B306F

Tritanomaly
0B345C

Monochromacy



Original Color
1F258F

Achromatopsia
2F2F2F

Achromatomaly
292B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F258F 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 #1F258F looks like.

```
.text, #text, p{  
    color:#1F258F  
}
```

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 #1F258F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F258F
}
```

Border

The CSS property to change the border of an element to Hex 1F258F 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
#1F258F }
```

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

```
.border{ border-color:#1F258F }
```

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

Here you see how a box with a 4 pixel #1F258F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F258F; -webkit-box-shadow:4px 4px  
4px 4px #1F258F; box-shadow:4px 4px 4px  
4px #1F258F }
```

Background

The CSS property to change the background color of an element to Hex 1F258F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F258F }
```

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

```
.background{ background-color:#1F258F }
```

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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