

Converting Colors

Hex(1F648D)

Have a look what the booklet for
Hex(1F648D) contains.

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Color

Hex(1F648D)

Conversions

Conversions Part 1

Format	Color
Hex	1F648D
RGB	31, 100, 141
RGB Percent	12%, 39%, 55%
CMY	0.8784, 0.6078, 0.4471
CMYK	0.78, 0.29, 0.00, 0.45
HSL	202°, 64%, 34%
HSV	202°, 78%, 55%
XYZ	9.9300, 11.3287, 26.8626
YIQ	84.0430, -54.2850, -1.8770

Conversions

Conversions Part 2

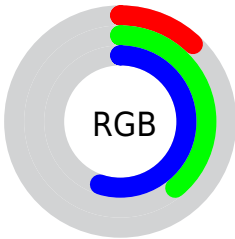
Format	Color
R_{YB}	31, 73, 141
Decimal	2057357
CIE _{Lab}	40.13, -6.44, -28.66
CIE _{LCh}	40, 29.379, 257.330
Yxy	11.3287, 0.2064, 0.2354
Android (android.graphics.Color)	4280247437 (0xFF1F648D)
YUV	84.0430, 28.0798, -46.5187
Hunter-Lab	33.6582, -6.2401, -23.7586

Details

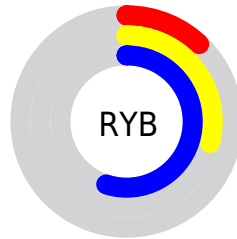
The Hex color **1F648D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8D481F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5D97C3**, and **00365B** is the 20% darker color. If you saturate the color by 10%, you get **115F8D**, and if you desaturate by 10%, it is **2D698D**.

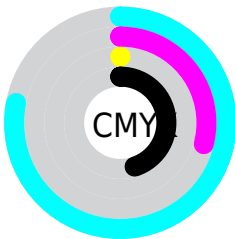
Distribution



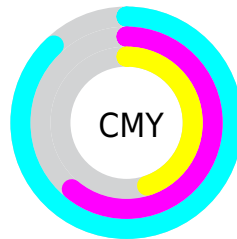
- Red (12%)
- Green (39%)
- Blue (55%)



- Red (12%)
- Yellow (29%)
- Blue (55%)



- Cyan (78%)
- Magenta (29%)
- Yellow (0%)
- Black (45%)



- Cyan (88%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F648D 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 1F648D by changing the saturation by 10% instead.

■ 1F648D

■ 1F648D

FFFFFF

■ 004C73

■ 5D97C3

■ 00365B

■ 79B1DF

■ 002143

■ 95CDFC

■ 00042D

■ B1E9FF

■ 000117

■ CEFFFF

■ 000000

■ EBFFFF

■ 1F648D

■ 1F648D

■ 115F8D

■ 2D698D

03598D

3B6F8D

00588D

49748D

57798D

667E8D

74848D

82898D

908E8D

9E938D

Harmonies

Analogous

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



006981



1F648D



515C8C

Triad

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



1F648D



8D4C52



44673D

Complementary

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



1F648D



8D481F

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.



60622F



1F648D



86513C

Square

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



1F648D



864C6A



765A2F



216A53

Rectangle

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



1F648D



695685



765A2F



4E6637

Sweetspot

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



1F648D



8DA8B8



1F8D47



42525C



DBDBDB



5C5C5C

Same Dimension

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



1F648D



0B77B8



1F2E8D



404547



005587



000508

Inverse Universe

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



8D1F64



B80B77



8D7E1F



474045



870055



080005

Previews

White Background



This preview shows how the Hex color 1F648D looks on a white background.

Color Contrast Check

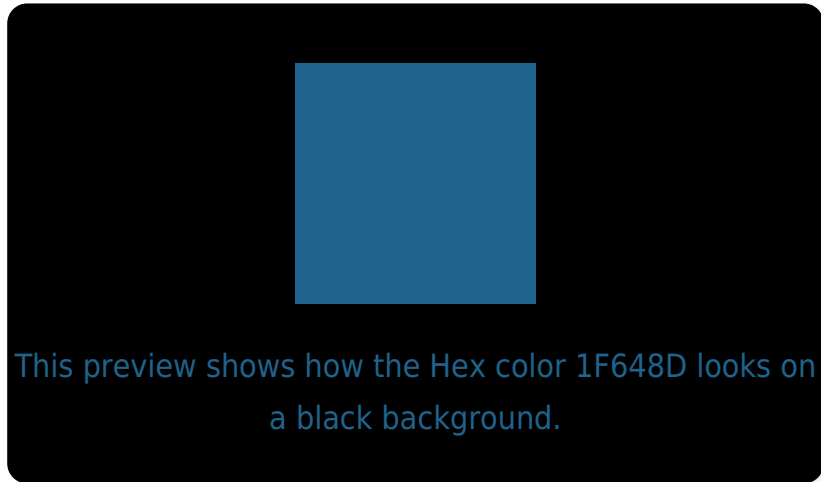
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

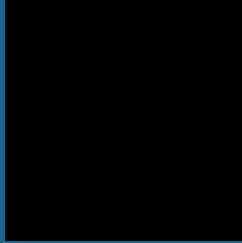
Any Text WCAG AA × Fail

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 1F648D Background



This preview shows how black text looks on a background with the Hex color 1F648D.



This preview shows how white text looks on a background with the Hex color 1F648D.

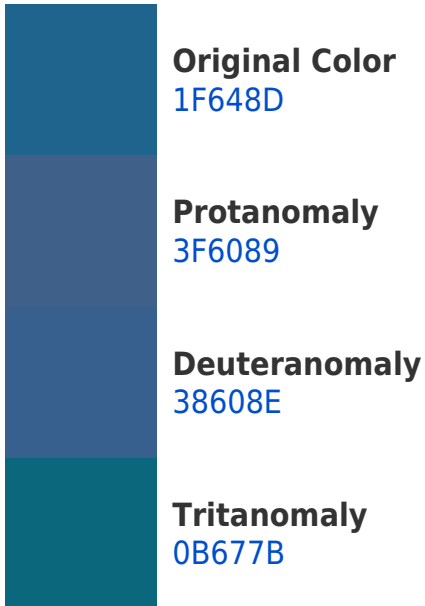
Color Blindness Simulation

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](#).

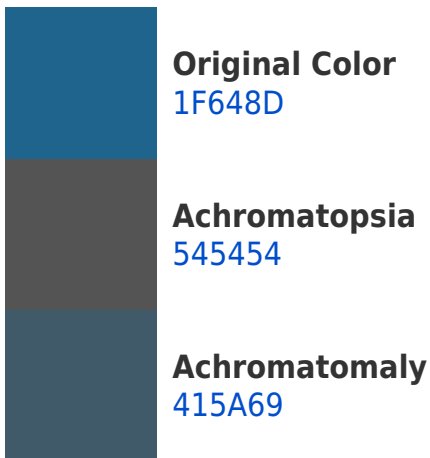
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F648D 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 #1F648D looks like.

```
.text, #text, p{  
    color:#1F648D  
}
```

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 #1F648D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F648D
}
```

Border

The CSS property to change the border of an element to Hex 1F648D 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
#1F648D }
```

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

```
.border{ border-color:#1F648D }
```

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

Here you see how a box with a 4 pixel #1F648D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F648D; -webkit-box-shadow:4px 4px  
4px 4px #1F648D; box-shadow:4px 4px 4px  
4px #1F648D }
```

Background

The CSS property to change the background color of an element to Hex 1F648D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F648D }
```

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

```
.background{ background-color:#1F648D }
```

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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