

Converting Colors

Hex(1D658F)

Have a look what the booklet for
Hex(1D658F) contains.

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Color

Hex(1D658F)

Conversions

Conversions Part 1

Format	Color
Hex	1D658F
RGB	29, 101, 143
RGB Percent	11%, 40%, 56%
CMY	0.8863, 0.6039, 0.4392
CMYK	0.80, 0.29, 0.00, 0.44
HSL	202°, 66%, 34%
HSV	202°, 80%, 56%
XYZ	10.1183, 11.5517, 27.6830
YIQ	84.2600, -56.3940, -2.2020

Conversions

Conversions Part 2

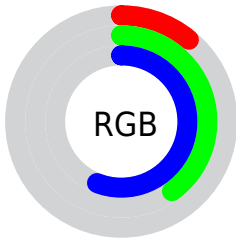
Format	Color
R_{YB}	29, 73, 143
Decimal	1926543
CIE _{Lab}	40.49, -6.54, -29.30
CIE _{LCh}	40, 30.018, 257.413
Yxy	11.5517, 0.2050, 0.2341
Android (android.graphics.Color)	4280116623 (0xFF1D658F)
YUV	84.2600, 28.9588, -48.4630
Hunter-Lab	33.9879, -6.3387, -24.5001

Details

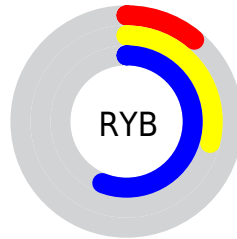
The Hex color **1D658F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F471D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5C98C5**, and **00375C** is the 20% darker color. If you saturate the color by 10%, you get **0F608F**, and if you desaturate by 10%, it is **2B6A8F**.

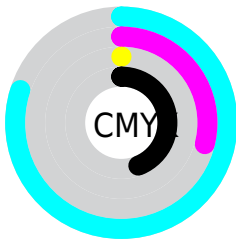
Distribution



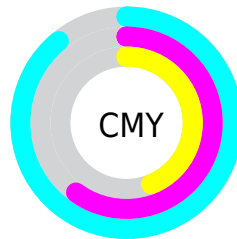
- Red (11%)
- Green (40%)
- Blue (56%)



- Red (11%)
- Yellow (29%)
- Blue (56%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D658F 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 1D658F by changing the saturation by 10% instead.

■ 1D658F

■ 1D658F

FFFFFF

■ 004D75

■ 5C98C5

■ 00375C

■ 78B2E1

■ 002145

■ 94CEFE

■ 00072E

■ B1EAFB

■ 000119

■ CEFFFF

■ 000000

■ EBFFFF

■ 1D658F

■ 1D658F

■ 0F608F

■ 2B6A8F

■ 005A8F

■ 3A708F

■ 48758F

■ 567A8F

■ 657F8F

■ 73858F

■ 818A8F

■ 8F8F8F

■ 9E948F

Harmonies

Analogous

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



006A83



1D658F



515D8E

Triad

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



1D658F



8E4C52



45683D

Complementary

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



1D658F



8F471D

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.



60632F



1D658F



88523C

Square

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



1D658F



884D6B



785A2F



1F6C54

Rectangle

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



1D658F



6A5787



785A2F



4E6737

Sweetspot

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



1D658F



8DAABA



1D8F47



43545E



DEDEDE



5E5E5E

Same Dimension

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



1D658F



0778BA



1D2C8F



404547



005587



000508

Inverse Universe

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



8F1D65



BA0778



8F801D



474045



870055



080005

Previews

White Background



This preview shows how the Hex color 1D658F looks on a white background.

Color Contrast Check

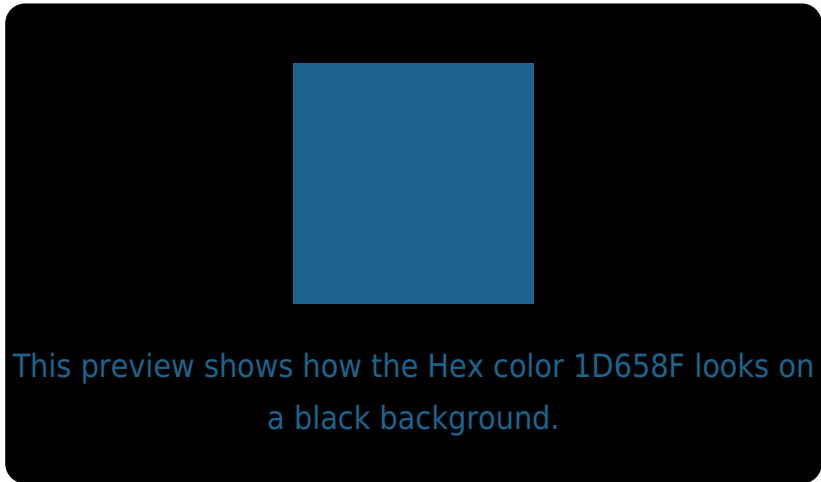
Large Text (above 18pt) WCAG AA ✓ Pass

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

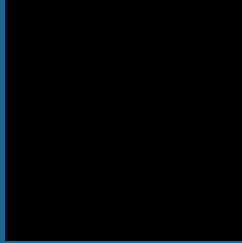
Any Text WCAG AA × Fail

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 1D658F Background



This preview shows how black text looks on a background with the Hex color 1D658F.

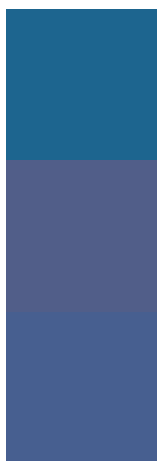


This preview shows how white text looks on a background with the Hex color 1D658F.

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
1D658F

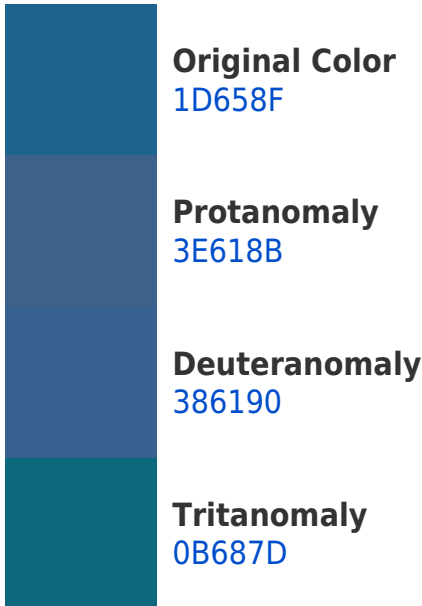
Protanopia
515E89

Deuteranopia
475F90

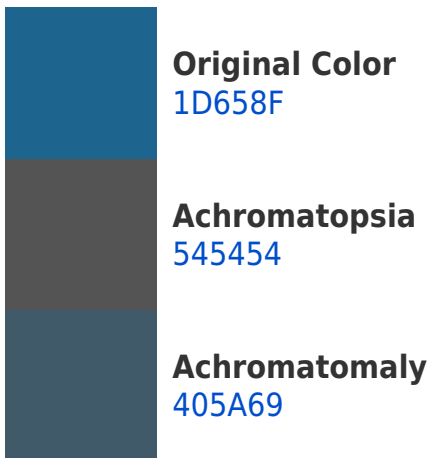


Tritanopia
006A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D658F 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 #1D658F looks like.

```
.text, #text, p{  
    color:#1D658F  
}
```

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 #1D658F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D658F
}
```

Border

The CSS property to change the border of an element to Hex 1D658F 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
#1D658F }
```

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

```
.border{ border-color:#1D658F }
```

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

Here you see how a box with a 4 pixel #1D658F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D658F; -webkit-box-shadow:4px 4px  
4px 4px #1D658F; box-shadow:4px 4px 4px  
4px #1D658F }
```

Background

The CSS property to change the background color of an element to Hex 1D658F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D658F }
```

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

```
.background{ background-color:#1D658F }
```

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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