

Converting Colors

Hex(1D649F)

Have a look what the booklet for
Hex(1D649F) contains.

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Color

Hex(1D649F)

Conversions

Conversions Part 1

Format	Color
Hex	1D649F
RGB	29, 100, 159
RGB Percent	11%, 39%, 62%
CMY	0.8863, 0.6078, 0.3765
CMYK	0.82, 0.37, 0.00, 0.38
HSL	207°, 69%, 37%
HSV	207°, 82%, 62%
XYZ	11.3219, 11.8788, 34.4970
YIQ	85.4970, -61.2550, 3.2970

Conversions

Conversions Part 2

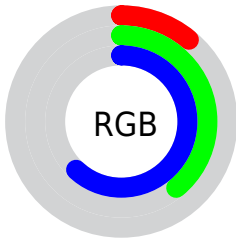
Format	Color
R_{YB}	29, 75, 159
Decimal	1926303
CIE _{Lab}	41.02, 0.23, -38.03
CIE _{LCh}	41, 38.030, 270.344
Yxy	11.8788, 0.1962, 0.2059
Android (android.graphics.Color)	4280116383 (0xFF1D649F)
YUV	85.4970, 36.2370, -49.5479
Hunter-Lab	34.4656, -1.6778, -35.2181

Details

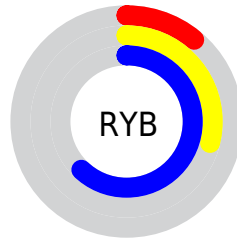
The Hex color **1D649F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F581D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5F96D6**, and **00366B** is the 20% darker color. If you saturate the color by 10%, you get **0D5D9F**, and if you desaturate by 10%, it is **2D6B9F**.

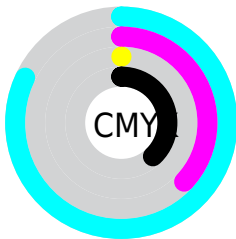
Distribution



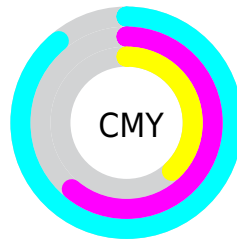
- Red (11%)
- Green (39%)
- Blue (62%)



- Red (11%)
- Yellow (29%)
- Blue (62%)



- Cyan (82%)
- Magenta (37%)
- Yellow (0%)
- Black (38%)



- Cyan (89%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D649F 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 1D649F by changing the saturation by 10% instead.

■ 1D649F

■ 1D649F

FFFFFF

■ 004C85

■ 5F96D6

■ 00366B

■ 7CB1F3

■ 002152

■ 99CCFF

■ 00093B

■ B6E9FF

■ 000225

■ D3FFFF

■ 00010D

■ F1FFFF

■ 000000

■ 1D649F

■ 1D649F

■ 0D5D9F

■ 2D6B9F

00579F

3D729F

4D7A9F

5D819F

6D889F

7C8F9F

8C979F

9C9E9F

ACA59F

Harmonies

Analogous

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



006C96



1D649F



625897

Triad

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



1D649F



994943



276E41

Complementary

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



1D649F



9F581D

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.



526828



1D649F



8A542A

Square

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



1D649F



994562



725F1F



007060

Rectangle

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



1D649F



7D5089



725F1F



386C37

Sweetspot

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



1D649F



9BB7CF



1D9F58



495A69



E8E8E8



696969

Same Dimension

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



1D649F



0473CF



1D239F



474B4F



004E8F



00080F

Inverse Universe

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



9F1D64



CF0473



9F991D



4F474B



8F004E



0F0008

Previews

White Background



This preview shows how the Hex color 1D649F looks on a white background.

Color Contrast Check

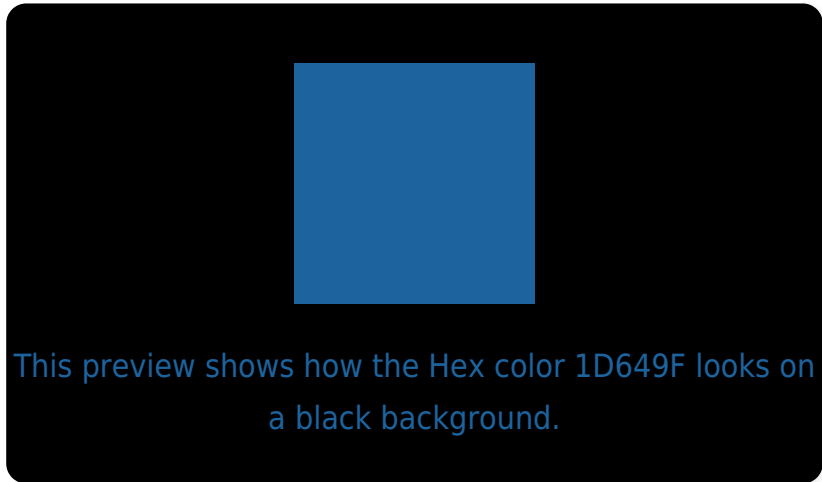
Large Text (above 18pt) WCAG AA ✓ Pass

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

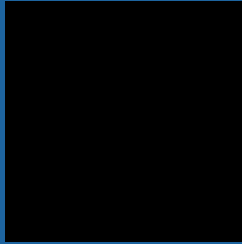
Any Text WCAG AA × Fail

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 1D649F Background



This preview shows how black text looks on a background with the Hex color 1D649F.

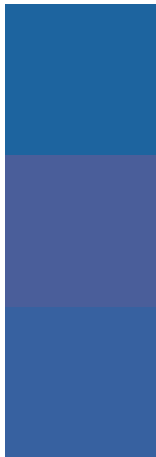


This preview shows how white text looks on a background with the Hex color 1D649F.

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
1D649F

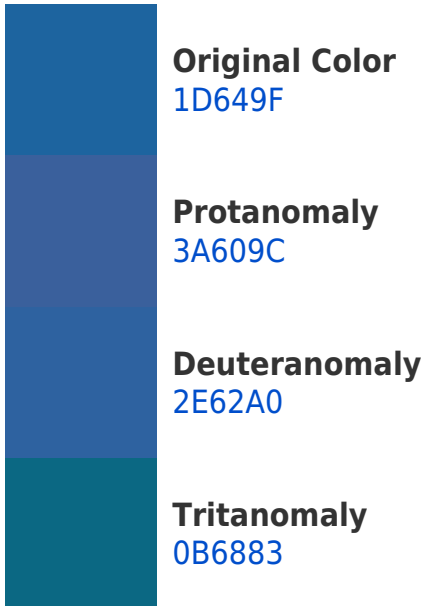
Protanopia
4A5E9A

Deuteranopia
3761A0

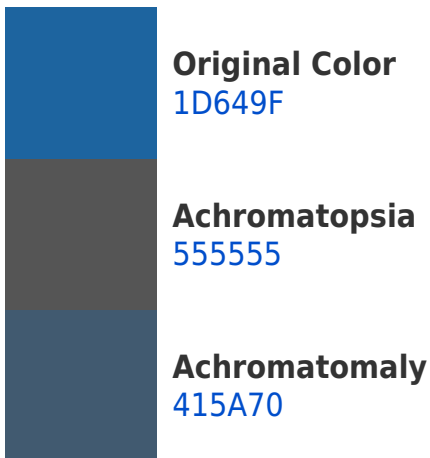


Tritanopia
006B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D649F 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 #1D649F looks like.

```
.text, #text, p{  
    color:#1D649F  
}
```

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 #1D649F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D649F
}
```

Border

The CSS property to change the border of an element to Hex 1D649F 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
#1D649F }
```

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

```
.border{ border-color:#1D649F }
```

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

Here you see how a box with a 4 pixel #1D649F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D649F; -webkit-box-shadow:4px 4px  
4px 4px #1D649F; box-shadow:4px 4px 4px  
4px #1D649F }
```

Background

The CSS property to change the background color of an element to Hex 1D649F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D649F }
```

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

```
.background{ background-color:#1D649F }
```

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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