

Converting Colors

Hex(1F5F94)

Have a look what the booklet for
Hex(1F5F94) contains.

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Color

Hex(1F5F94)

Conversions

Conversions Part 1

Format	Color
Hex	1F5F94
RGB	31, 95, 148
RGB Percent	12%, 37%, 58%
CMY	0.8784, 0.6275, 0.4196
CMYK	0.79, 0.36, 0.00, 0.42
HSL	207°, 65%, 35%
HSV	207°, 79%, 58%
XYZ	10.0026, 10.6138, 29.5385
YIQ	81.9060, -55.1570, 2.9150

Conversions

Conversions Part 2

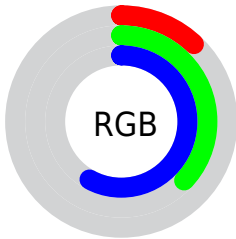
Format	Color
R_{YB}	31, 72, 148
Decimal	2056084
CIE _{Lab}	38.92, -0.67, -34.78
CIE _{LCh}	39, 34.784, 268.894
Yxy	10.6138, 0.1994, 0.2116
Android (android.graphics.Color)	4280246164 (0xFF1F5F94)
YUV	81.9060, 32.5843, -44.6446
Hunter-Lab	32.5789, -2.2089, -30.9515




Details

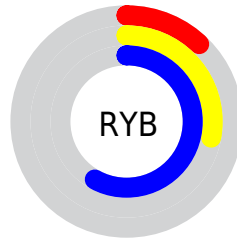
The Hex color **1F5F94** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **94541F**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **5E91CA**, and **003161** is the 20% darker color. If you saturate the color by 10%, you get **105894**, and if you desaturate by 10%, it is **2E6694**.

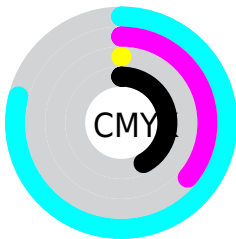
Distribution







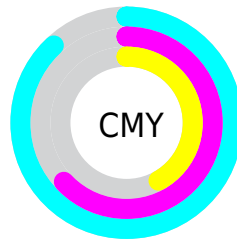
-  Red (12%)
-  Green (37%)
-  Blue (58%)






-  Red (12%)
-  Yellow (28%)
-  Blue (58%)



-  Cyan (79%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (88%)
-  Magenta (63%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F5F94 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 1F5F94 by changing the saturation by 10% instead.

■ 1F5F94

■ 1F5F94

FFFFFF

■ 00487A

■ 5E91CA

■ 003161

■ 7AACE7

■ 001D49

■ 96C7FF

■ 000432

■ B3E3FF

■ 00021C

■ D0FFFF

■ 000000

■ EDFFFF

■ 1F5F94

■ 1F5F94

■ 105894

■ 2E6694

■ 015294

■ 3D6C94

■ 005194

■ 4B7394

■ 5A7A94

■ 698194

■ 788794

■ 878E94

■ 959594

■ A49B94

Harmonies

Analogous

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



00668C



1F5F94



5B558D

Triad

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



1F5F94



8F4642



2B673D

Complementary

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



1F5F94



94541F

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.



506228



1F5F94



834F2C

Square

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



1F5F94



8E435E



6D5A21



006A5A

Rectangle

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



1F5F94



744D81



6D5A21



3A6635

Sweetspot

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



1F5F94



91AABF



1F9454



455461



E0E0E0



616161

Same Dimension

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



1F5F94



0A6DBF



1F2594



43474A



004B8A



00060A

Inverse Universe

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



941F5F



BF0A6D



948E1F



4A4347



8A004B



0A0006

Previews

White Background



This preview shows how the Hex color 1F5F94 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



This preview shows how the Hex color 1F5F94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

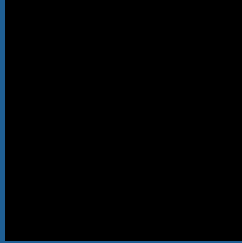
Any Text WCAG AA × Fail

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 1F5F94 Background



This preview shows how black text looks on a background with the Hex color 1F5F94.

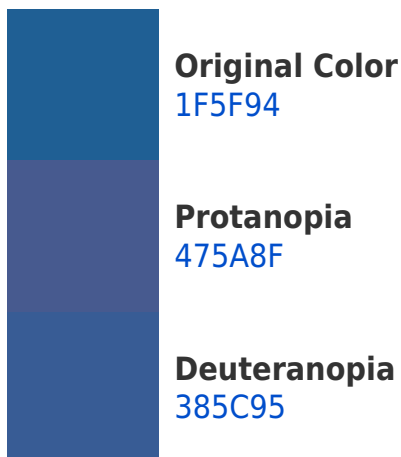


This preview shows how white text looks on a background with the Hex color 1F5F94.

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](#).

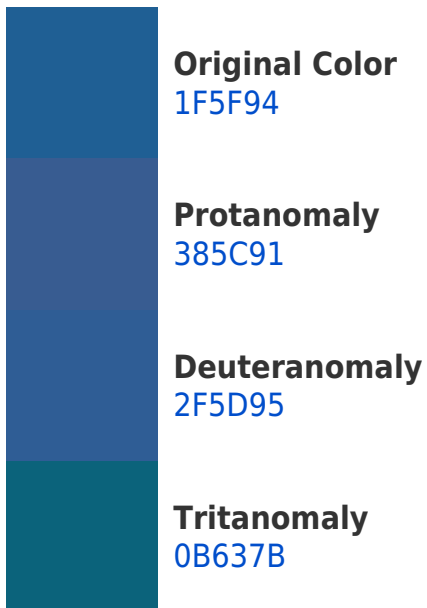
Dichromacy





Tritanopia
00666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5F94 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 #1F5F94 looks like.

```
.text, #text, p{  
    color:#1F5F94  
}
```

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 #1F5F94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5F94
}
```

Border

The CSS property to change the border of an element to Hex 1F5F94 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
#1F5F94 }
```

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

```
.border{ border-color:#1F5F94 }
```

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

Here you see how a box with a 4 pixel #1F5F94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5F94; -webkit-box-shadow:4px 4px  
4px 4px #1F5F94; box-shadow:4px 4px 4px  
4px #1F5F94 }
```

Background

The CSS property to change the background color of an element to Hex 1F5F94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5F94 }
```

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

```
.background{ background-color:#1F5F94 }
```

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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