

Converting Colors

Hex(1F61A1)

Have a look what the booklet for
Hex(1F61A1) contains.

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Color

Hex(1F61A1)

Conversions

Conversions Part 1

Format	Color
Hex	1F61A1
RGB	31, 97, 161
RGB Percent	12%, 38%, 63%
CMY	0.8784, 0.6196, 0.3686
CMYK	0.81, 0.40, 0.00, 0.37
HSL	210°, 68%, 38%
HSV	210°, 81%, 63%
XYZ	11.2728, 11.4139, 35.3272
YIQ	84.5620, -59.8800, 5.9120

Conversions

Conversions Part 2

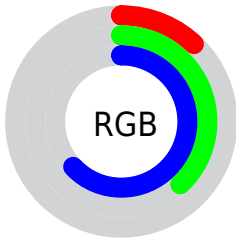
Format	Color
R_{YB}	31, 75, 161
Decimal	2056609
CIE _{Lab}	40.27, 3.12, -40.41
CIE _{LCh}	40, 40.534, 274.416
Yxy	11.4139, 0.1943, 0.1967
Android (android.graphics.Color)	4280246689 (0xFF1F61A1)
YUV	84.5620, 37.6839, -46.9739
Hunter-Lab	33.7845, 0.4369, -38.3482

Details

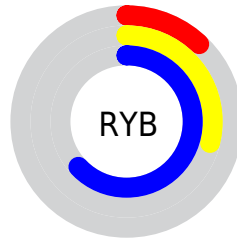
The Hex color **1F61A1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A15F1F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6193D8**, and **00336D** is the 20% darker color. If you saturate the color by 10%, you get **0F59A1**, and if you desaturate by 10%, it is **2F69A1**.

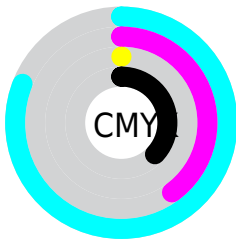
Distribution



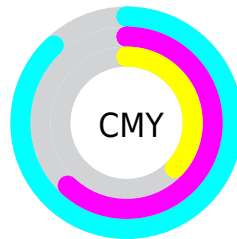
- Red (12%)
- Green (38%)
- Blue (63%)



- Red (12%)
- Yellow (29%)
- Blue (63%)



- Cyan (81%)
- Magenta (40%)
- Yellow (0%)
- Black (37%)



- Cyan (88%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F61A1 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 1F61A1 by changing the saturation by 10% instead.

■ 1F61A1

■ 1F61A1

FFFFFF

■ 004A87

■ 6193D8

■ 00336D

■ 7EAEF5

■ 001F54

■ 9AC9FF

■ 00043D

■ B7E5FF

■ 000326

■ D5FFFF

■ 00010F

■ F2FFFF

■ 000000

■ 1F61A1

■ 1F61A1

■ 0F59A1

■ 2F69A1

■ 0052A1

■ 3F71A1

■ 4F79A1

■ 5F81A1

■ 7089A1

■ 8091A1

■ 9098A1

■ A0A0A1

■ B0A8A1

Harmonies

Analogous

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



006A9A



1F61A1



675496

Triad

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



1F61A1



98463B



116D41

Complementary

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



1F61A1



A15F1F

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.



4A6825



1F61A1



875322

Square

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



1F61A1



9B405B



6C5F17



006F63

Rectangle

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



1F61A1



814B86



6C5F17



2B6C37

Sweetspot

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



1F61A1



9FB8D1



1FA15E



4A5A69



E8E8E8



696969

Same Dimension

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



1F61A1



066DD1



1F21A1



494E52



004A91



000912

Inverse Universe

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



A11F61



D1066D



A19F1F



52494E



91004A



120009

Previews

White Background



This preview shows how the Hex color 1F61A1 looks on a white background.

Color Contrast Check

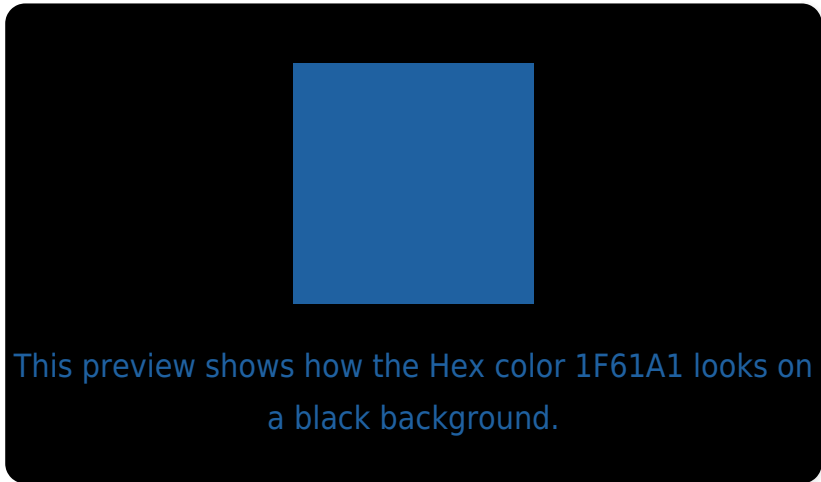
Large Text (above 18pt) WCAG AA ✓ Pass

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

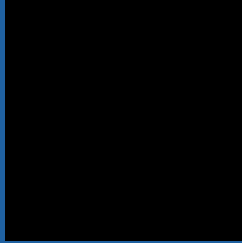
Any Text WCAG AA × Fail

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 1F61A1 Background



This preview shows how black text looks on a background with the Hex color 1F61A1.

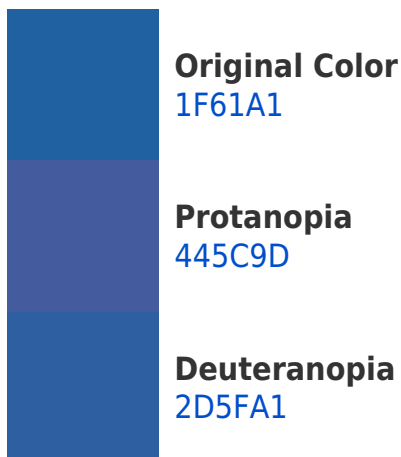


This preview shows how white text looks on a background with the Hex color 1F61A1.

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](#).

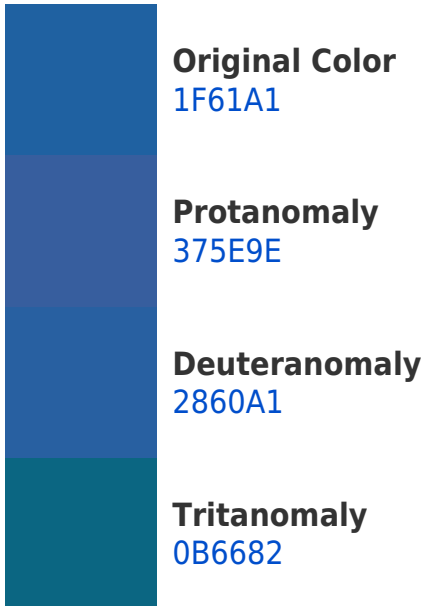
Dichromacy



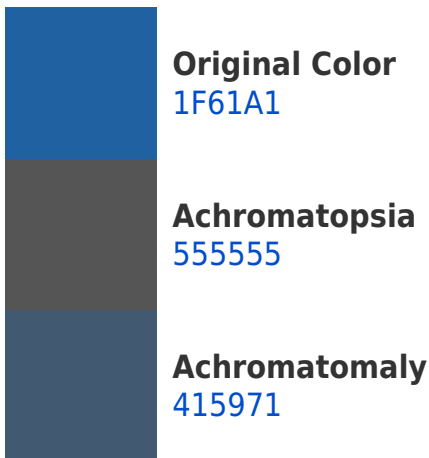


Tritanopia
006971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F61A1 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 #1F61A1 looks like.

```
.text, #text, p{  
    color:#1F61A1  
}
```

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 #1F61A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F61A1
}
```

Border

The CSS property to change the border of an element to Hex 1F61A1 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
#1F61A1 }
```

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

```
.border{ border-color:#1F61A1 }
```

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

Here you see how a box with a 4 pixel #1F61A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F61A1; -webkit-box-shadow:4px 4px  
4px 4px #1F61A1; box-shadow:4px 4px 4px  
4px #1F61A1 }
```

Background

The CSS property to change the background color of an element to Hex 1F61A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F61A1 }
```

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

```
.background{ background-color:#1F61A1 }
```

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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