

Converting Colors

Hex(1F7AC5)

Have a look what the booklet for
Hex(1F7AC5) contains.

Hex(1F7AC5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1F7AC5)

Conversions

Conversions Part 1

Format	Color
Hex	1F7AC5
RGB	31, 122, 197
RGB Percent	12%, 48%, 77%
CMY	0.8784, 0.5216, 0.2275
CMYK	0.84, 0.38, 0.00, 0.23
HSL	207°, 73%, 45%
HSV	207°, 84%, 77%
XYZ	17.6027, 18.2416, 55.4165
YIQ	103.3410, -78.3110, 4.0330

Conversions

Conversions Part 2

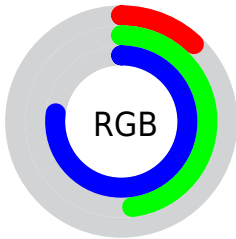
Format	Color
R_{YB}	31, 90, 197
Decimal	2063045
CIE _{Lab}	49.79, 1.44, -46.25
CIE _{LCh}	50, 46.277, 271.777
Yxy	18.2416, 0.1929, 0.1999
Android (android.graphics.Color)	4280253125 (0xFF1F7AC5)
YUV	103.3410, 46.1739, -63.4431
Hunter-Lab	42.7102, -1.1755, -47.0318

Details

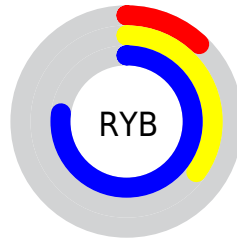
The Hex color **1F7AC5** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **C56A1F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **69AEFE**, and **004A8F** is the 20% darker color. If you saturate the color by 10%, you get **0B71C5**, and if you desaturate by 10%, it is **3383C5**.

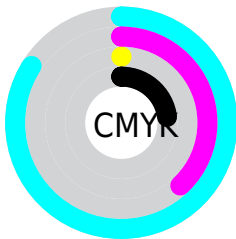
Distribution



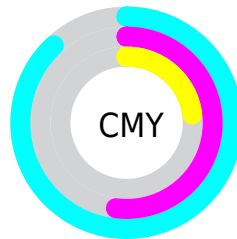
- Red (12%)
- Green (48%)
- Blue (77%)



- Red (12%)
- Yellow (35%)
- Blue (77%)



- Cyan (84%)
- Magenta (38%)
- Yellow (0%)
- Black (23%)



- Cyan (88%)
- Magenta (52%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7AC5 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 1F7AC5 by changing the saturation by 10% instead.

■ 1F7AC5

■ 1F7AC5

FFFFFF

■ 0061A9

■ 69AEFE

■ 004A8F

■ 88C9FF

■ 003475

■ A6E5FF

■ 00205B

■ C4FFFF

■ 000744

■ E2FFFF

■ 00032C

■ 000117

■ 000000

■ 1F7AC5

■ 1F7AC5

■ 0B71C5

■ 3383C5

■ 006CC5

■ 468CC5

■ 5A95C5

■ 6E9EC5

■ 82A7C5

■ 95AFC5

■ A9B8C5

■ BDC1C5

■ D0CAC5

Harmonies

Analogous

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



0084BB



1F7AC5



7B6BB9

Triad

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



1F7AC5



BC584F



278750

Complementary

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



1F7AC5



C56A1F

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.



62802F



1F7AC5



A96730

Square

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



1F7AC5



BD5376



8A7522



008A78

Rectangle

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



1F7AC5



9C60A8



8A7522



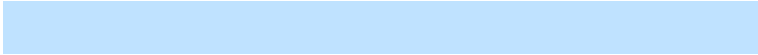
408543

Sweetspot

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



1F7AC5



BFE2FF



1FC56A



596E80



000000



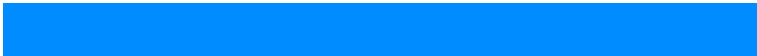
808080

Same Dimension

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



1F7AC5



008CFF



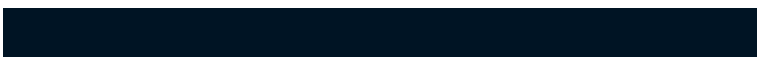
1F27C5



5A5F63



0059A3



001424

Inverse Universe

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



C51F7A



FF008C



C5BD1F



635A5F



A30059



240014

Previews

White Background



This preview shows how the Hex color 1F7AC5 looks on a white background.

Color Contrast Check

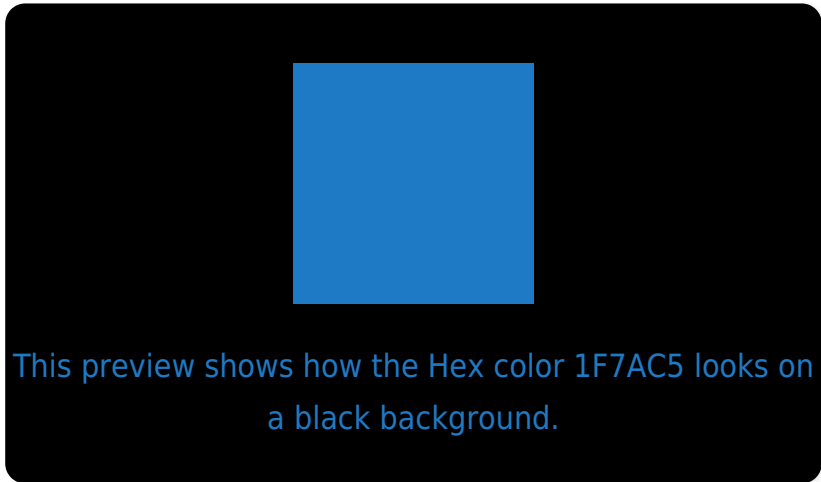
Large Text (above 18pt) WCAG AA ✓ Pass

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

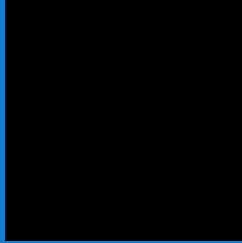
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1F7AC5 Background



This preview shows how black text looks on a background with the Hex color 1F7AC5.

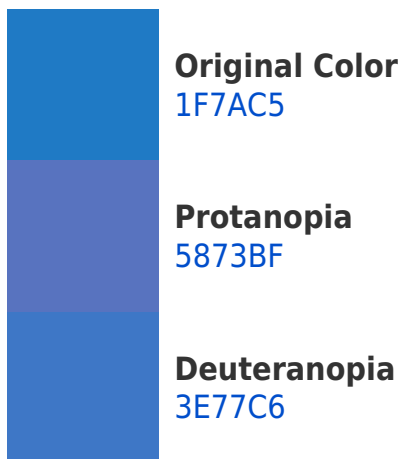


This preview shows how white text looks on a background with the Hex color 1F7AC5.

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](#).

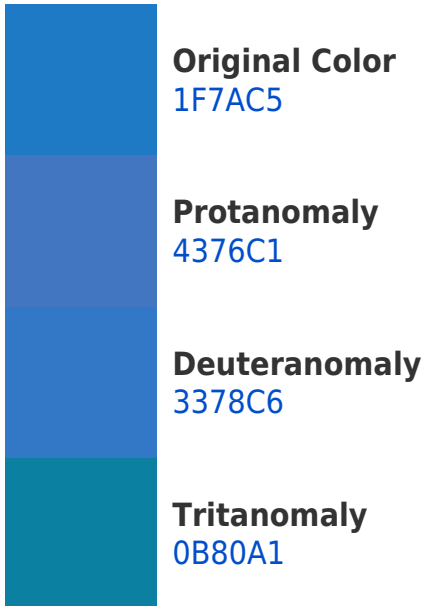
Dichromacy



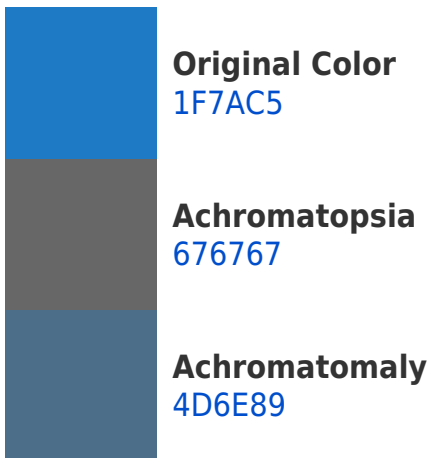


Tritanopia
00838C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7AC5 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 #1F7AC5 looks like.

```
.text, #text, p{  
    color:#1F7AC5  
}
```

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 #1F7AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7AC5
}
```

Border

The CSS property to change the border of an element to Hex 1F7AC5 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
#1F7AC5 }
```

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

```
.border{ border-color:#1F7AC5 }
```

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

Here you see how a box with a 4 pixel #1F7AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7AC5; -webkit-box-shadow:4px 4px  
4px 4px #1F7AC5; box-shadow:4px 4px 4px  
4px #1F7AC5 }
```

Background

The CSS property to change the background color of an element to Hex 1F7AC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7AC5 }
```

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

```
.background{ background-color:#1F7AC5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor