

Converting Colors

Hex(1F60B4)

Have a look what the booklet for
Hex(1F60B4) contains.

Hex(1F60B4)	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(1F60B4)

Conversions

Conversions Part 1

Format	Color
Hex	1F60B4
RGB	31, 96, 180
RGB Percent	12%, 38%, 71%
CMY	0.8784, 0.6235, 0.2941
CMYK	0.83, 0.47, 0.00, 0.29
HSL	214°, 71%, 41%
HSV	214°, 83%, 71%
XYZ	12.9862, 11.9523, 44.8026
YIQ	86.1410, -65.7040, 12.3440

Conversions

Conversions Part 2

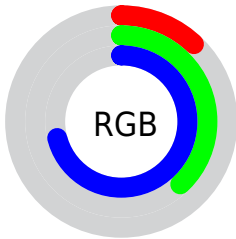
Format	Color
R_{YB}	31, 76, 180
Decimal	2056372
CIE _{Lab}	41.14, 11.23, -50.24
CIE _{LCh}	41, 51.479, 282.600
Yxy	11.9523, 0.1862, 0.1714
Android (android.graphics.Color)	4280246452 (0xFF1F60B4)
YUV	86.1410, 46.2725, -48.3587
Hunter-Lab	34.5722, 6.5478, -52.6344

Details

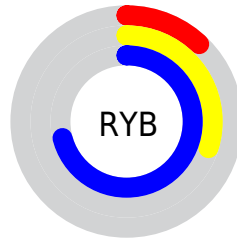
The Hex color **1F60B4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B4731F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6592EC**, and **00337E** is the 20% darker color. If you saturate the color by 10%, you get **0D56B4**, and if you desaturate by 10%, it is **316AB4**.

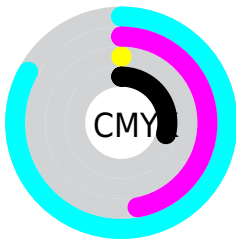
Distribution



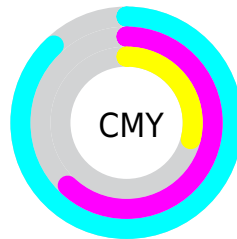
- Red (12%)
- Green (38%)
- Blue (71%)



- Red (12%)
- Yellow (30%)
- Blue (71%)



- Cyan (83%)
- Magenta (47%)
- Yellow (0%)
- Black (29%)



- Cyan (88%)
- Magenta (62%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F60B4 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 1F60B4 by changing the saturation by 10% instead.

■ 1F60B4

■ 1F60B4

FFFFFF

■ 004999

■ 6592EC

■ 00337E

■ 83ACFF

■ 001F65

■ A1C8FF

■ 00054C

■ BEE3FF

■ 000535

■ DCFFFF

■ 00021F

■ FAFFFF

■ 000001

■ 000000

■ 1F60B4

■ 1F60B4

0D56B4

316AB4

004FB4

4374B4

557EB4

6789B4

7993B4

8B9DB4

9DA7B4

AFB1B4

C1BBB4

Harmonies

Analogous

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



006DB2



1F60B4



794DA0

Triad

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



1F60B4



A34329



007346

Complementary

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



1F60B4



B4731F

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.



346E1C



1F60B4



895602

Square

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



1F60B4



AC3551



646500



007472

Rectangle

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



1F60B4



964089



646500



007238

Sweetspot

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



1F60B4



B0CAEB



1FB471



526175



F5F5F5



757575

Same Dimension

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



1F60B4



0268EB



261FB4



505459



004399



000B1A

Inverse Universe

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



B41F60



EB0268



ADB41F



595054



990043



1A000B

Previews

White Background



This preview shows how the Hex color 1F60B4 looks on a white background.

Color Contrast Check

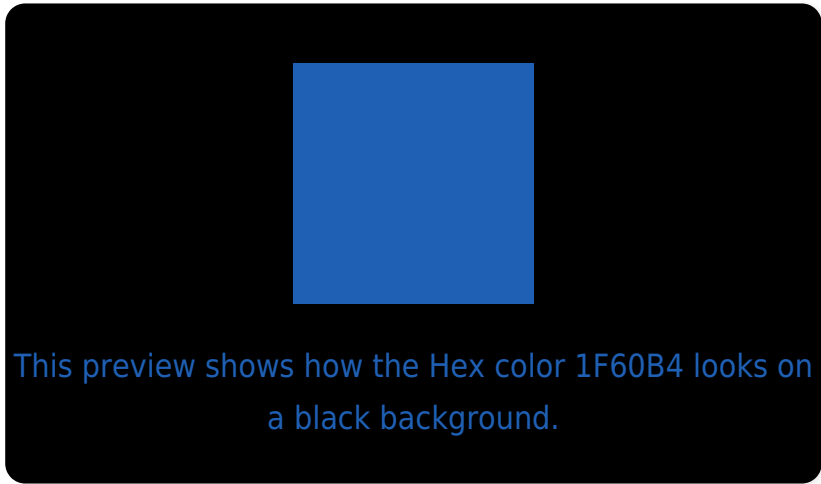
Large Text (above 18pt) WCAG AA ✓ Pass

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

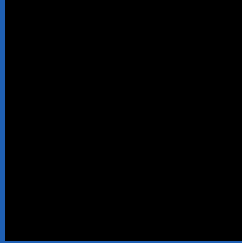
Any Text WCAG AA × Fail

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 1F60B4 Background



This preview shows how black text looks on a background with the Hex color 1F60B4.



This preview shows how white text looks on a background with the Hex color 1F60B4.

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



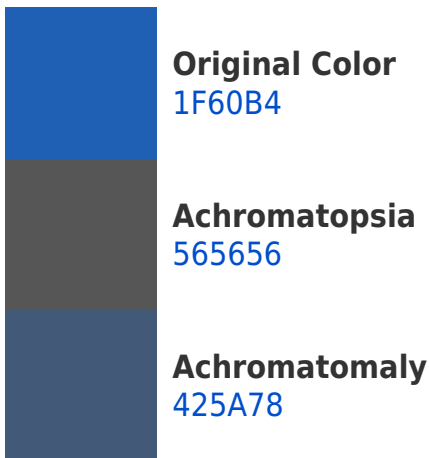


Tritanopia
006B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F60B4 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 #1F60B4 looks like.

```
.text, #text, p{  
    color:#1F60B4  
}
```

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 #1F60B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F60B4
}
```

Border

The CSS property to change the border of an element to Hex 1F60B4 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
#1F60B4 }
```

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

```
.border{ border-color:#1F60B4 }
```

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

Here you see how a box with a 4 pixel #1F60B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F60B4; -webkit-box-shadow:4px 4px  
4px 4px #1F60B4; box-shadow:4px 4px 4px  
4px #1F60B4 }
```

Background

The CSS property to change the background color of an element to Hex 1F60B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F60B4 }
```

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

```
.background{ background-color:#1F60B4 }
```

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