

Converting Colors

Hex(1F5EBB)

Have a look what the booklet for
Hex(1F5EBB) contains.

Hex(1F5EBB)	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(1F5EBB)

Conversions

Conversions Part 1

Format	Color
Hex	1F5EBB
RGB	31, 94, 187
RGB Percent	12%, 37%, 73%
CMY	0.8784, 0.6314, 0.2667
CMYK	0.83, 0.50, 0.00, 0.27
HSL	216°, 72%, 43%
HSV	216°, 83%, 73%
XYZ	13.5374, 11.8846, 48.5942
YIQ	85.7650, -67.4010, 15.5670

Conversions

Conversions Part 2

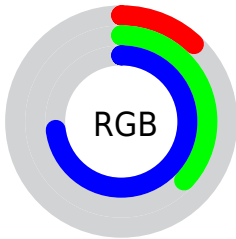
Format	Color
R_{YB}	31, 76, 187
Decimal	2055867
CIE _{Lab}	41.03, 15.29, -54.51
CIE _{LCh}	41, 56.613, 285.668
Yxy	11.8846, 0.1829, 0.1606
Android (android.graphics.Color)	4280245947 (0xFF1F5EBB)
YUV	85.7650, 49.9089, -48.0289
Hunter-Lab	34.4740, 9.7647, -59.4427

Details

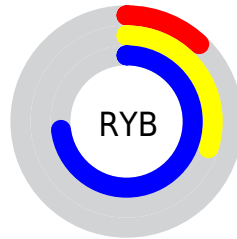
The Hex color **1F5EBB** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BB7C1F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6790F4**, and **003185** is the 20% darker color. If you saturate the color by 10%, you get **0C53BB**, and if you desaturate by 10%, it is **3269BB**.

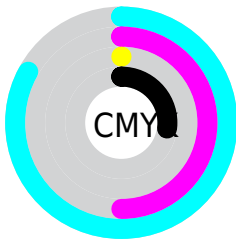
Distribution



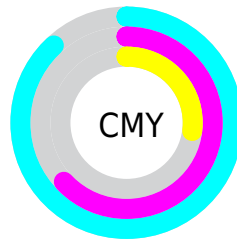
- Red (12%)
- Green (37%)
- Blue (73%)



- Red (12%)
- Yellow (30%)
- Blue (73%)



- Cyan (83%)
- Magenta (50%)
- Yellow (0%)
- Black (27%)



- Cyan (88%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F5EBB 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 1F5EBB by changing the saturation by 10% instead.

 1F5EBB

 1F5EBB

FFFFFF

 0047A0

 6790F4

 003185

 85AAFF

 001E6B

 A3C5FF

 000352

 C1E1FF

 00063A

 DFFEFF

 000224

FDFFFF

 00000B

 000000

 1F5EBB

 1F5EBB

■ 0C53BB

■ 3269BB

■ 004CBB

■ 4474BB

■ 577FBB

■ 6A8BBB

■ 7D96BB

■ 8FA1BB

■ A2ACBB

■ B5B7BB

■ C7C2BB

Harmonies

Analogous

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



006DBB



1F5EBB



8148A2

Triad

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



1F5EBB



A5411F



007448

Complementary

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



1F5EBB



BB7C1F

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.



236F17



1F5EBB



875600

Square

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



1F5EBB



B22D4B



5F6600



007679

Rectangle

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



1F5EBB



9E3888



5F6600



007338

Sweetspot

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



1F5EBB



B6CEF2



1FBB7A



56657A



FAFAFA



7A7A7A

Same Dimension

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



1F5EBB



0062F2



2C1FBB



55595E



00409E



000C1F

Inverse Universe

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



BB1F5E



F20062



AEBB1F



5E5559



9E0040



1F000C

Previews

White Background



This preview shows how the Hex color 1F5EBB looks on a white background.

Color Contrast Check

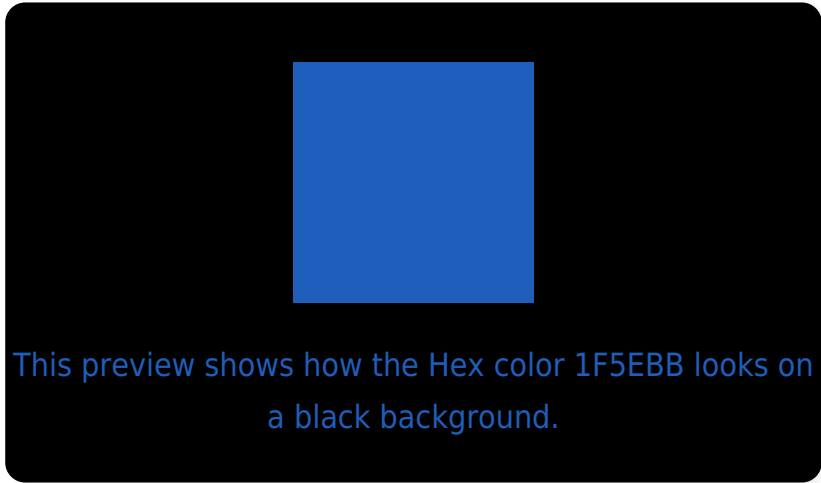
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F5EBB Background



This preview shows how black text looks on a background with the Hex color 1F5EBB.



This preview shows how white text looks on a background with the Hex color 1F5EBB.

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](#).

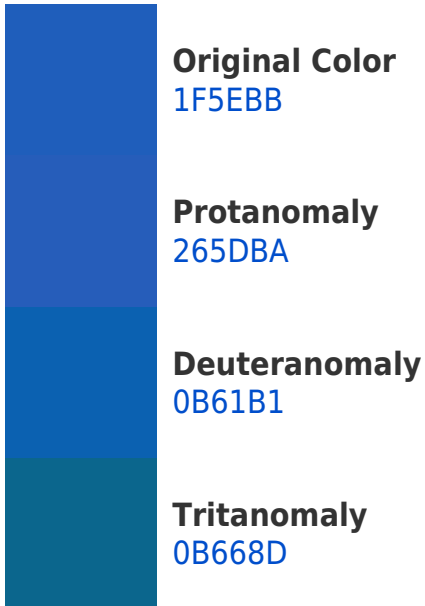
Dichromacy





Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5EBB 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 #1F5EBB looks like.

```
.text, #text, p{  
    color:#1F5EBB  
}
```

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 #1F5EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5EBB
}
```

Border

The CSS property to change the border of an element to Hex 1F5EBB 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
#1F5EBB }
```

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

```
.border{ border-color:#1F5EBB }
```

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

Here you see how a box with a 4 pixel #1F5EBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5EBB; -webkit-box-shadow:4px 4px  
4px 4px #1F5EBB; box-shadow:4px 4px 4px  
4px #1F5EBB }
```

Background

The CSS property to change the background color of an element to Hex 1F5EBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5EBB }
```

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

```
.background{ background-color:#1F5EBB }
```

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