

Converting Colors

Hex(107EB5)

Have a look what the booklet for
Hex(107EB5) contains.

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Color

Hex(107EB5)

Conversions

Conversions Part 1

Format	Color
Hex	107EB5
RGB	16, 126, 181
RGB Percent	6%, 49%, 71%
CMY	0.9373, 0.5059, 0.2902
CMYK	0.91, 0.30, 0.00, 0.29
HSL	200°, 84%, 39%
HSV	200°, 91%, 71%
XYZ	16.0150, 18.3681, 46.4174
YIQ	99.3800, -83.2150, -6.2150

Conversions

Conversions Part 2

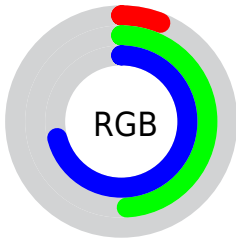
Format	Color
R_{YB}	16, 82, 181
Decimal	1081013
CIE _{Lab}	49.94, -8.06, -36.83
CIE _{LCh}	50, 37.706, 257.660
Yxy	18.3681, 0.1982, 0.2273
Android (android.graphics.Color)	4279271093 (0xFF107EB5)
YUV	99.3800, 40.2387, -73.1243
Hunter-Lab	42.8580, -8.3002, -34.2135

Details

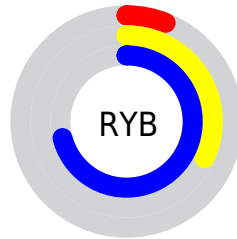
The Hex color **107EB5** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B54710**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **60B2ED**, and **004D80** is the 20% darker color. If you saturate the color by 10%, you get **0079B5**, and if you desaturate by 10%, it is **2284B5**.

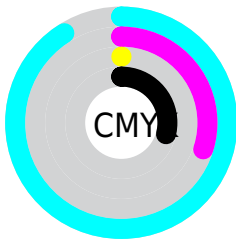
Distribution



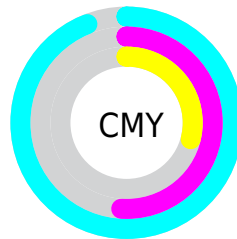
- Red (6%)
- Green (49%)
- Blue (71%)



- Red (6%)
- Yellow (32%)
- Blue (71%)



- Cyan (91%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (94%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107EB5 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 107EB5 by changing the saturation by 10% instead.

■ 107EB5

■ 107EB5

FFFFFF

■ 00659A

■ 60B2ED

■ 004D80

■ 7FCEFF

■ 003766

■ 9DEAFF

■ 00224E

■ BAFfff

■ 000537

■ D8FFFF

■ 000221

■ F7FFFF

■ 000005

■ 000000

■ 107EB5

■ 107EB5

0079B5

2284B5

348AB5

4690B5

5896B5

6B9CB5

7DA2B5

8FA8B5

A1AEB5

B3B4B5

Harmonies

Analogous

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



0085A5



107EB5



6474B4

Triad

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



107EB5



B45D65



53824A

Complementary

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



107EB5



B54710

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.



777B37



107EB5



AB6549

Square

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



107EB5



AC5E85



957037



1B8668

Rectangle

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



107EB5



846BAA



957037



608042

Sweetspot

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



107EB5



ABD5EB



10B547



506975



F5F5F5



757575

Same Dimension

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



107EB5



009CEB



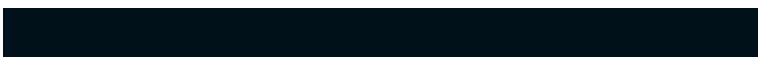
102CB5



505659



006699



00111A

Inverse Universe

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



B5107E



EB009C



B59A10



595056



990066



1A0011

Previews

White Background



This preview shows how the Hex color 107EB5 looks on a white background.

Color Contrast Check

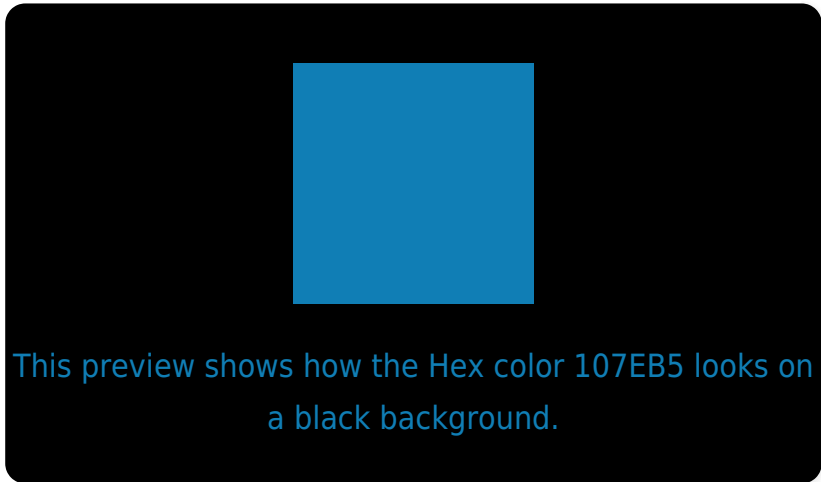
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

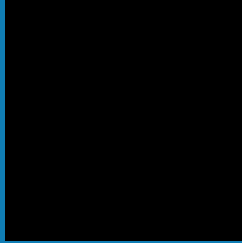
Any Text WCAG AA ✓ Pass

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 107EB5 Background



This preview shows how black text looks on a background with the Hex color 107EB5.

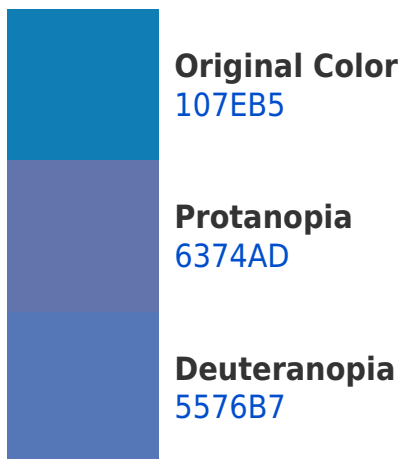


This preview shows how white text looks on a background with the Hex color 107EB5.

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](#).

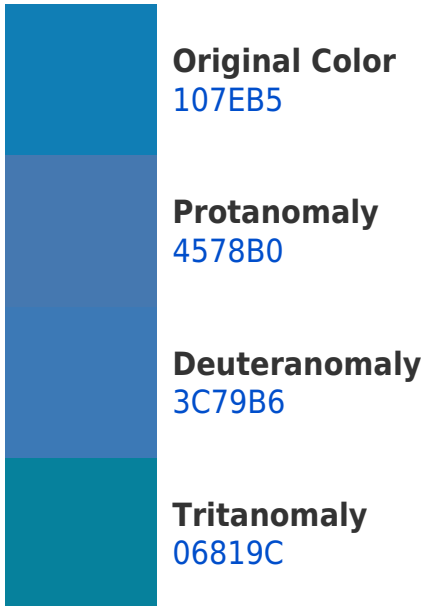
Dichromacy





Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 107EB5 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 #107EB5 looks like.

```
.text, #text, p{  
    color:#107EB5  
}
```

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 #107EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107EB5
}
```

Border

The CSS property to change the border of an element to Hex 107EB5 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
#107EB5 }
```

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

```
.border{ border-color:#107EB5 }
```

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

Here you see how a box with a 4 pixel #107EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107EB5; -webkit-box-shadow:4px 4px  
4px 4px #107EB5; box-shadow:4px 4px 4px  
4px #107EB5 }
```

Background

The CSS property to change the background color of an element to Hex 107EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107EB5 }
```

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

```
.background{ background-color:#107EB5 }
```

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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