

Converting Colors

Hex(4C8EB5)

Have a look what the booklet for
Hex(4C8EB5) contains.

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Color

Hex(4C8EB5)

Conversions

Conversions Part 1

Format	Color
Hex	4C8EB5
RGB	76, 142, 181
RGB Percent	30%, 56%, 71%
CMY	0.7020, 0.4431, 0.2902
CMYK	0.58, 0.22, 0.00, 0.29
HSL	202°, 42%, 50%
HSV	202°, 58%, 71%
XYZ	20.9940, 24.2187, 47.2842
YIQ	126.7120, -51.8550, -1.8630

Conversions

Conversions Part 2

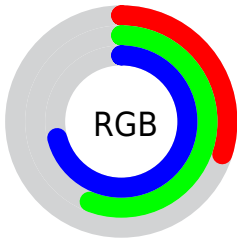
Format	Color
R_{YB}	76, 117, 181
Decimal	5017269
CIE _{Lab}	56.31, -9.42, -26.79
CIE _{LCh}	56, 28.397, 250.623
Yxy	24.2187, 0.2270, 0.2618
Android (android.graphics.Color)	4283207349 (0xFF4C8EB5)
YUV	126.7120, 26.7640, -44.4744
Hunter-Lab	49.2125, -9.9740, -22.5181

Details

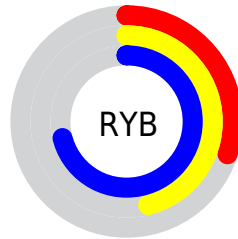
The Hex color **4C8EB5** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B5734C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **85C4ED**, and **005C80** is the 20% darker color. If you saturate the color by 10%, you get **3A87B5**, and if you desaturate by 10%, it is **5E95B5**.

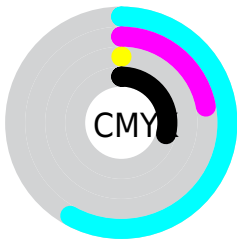
Distribution



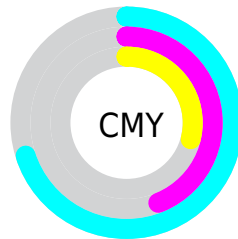
- Red (30%)
- Green (56%)
- Blue (71%)



- Red (30%)
- Yellow (46%)
- Blue (71%)



- Cyan (58%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8EB5 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 4C8EB5 by changing the saturation by 10% instead.

■ 4C8EB5

■ 4C8EB5

FFFFFF

■ 2D749A

■ 85C4ED

■ 005C80

■ A1E0FF

■ 004467

■ BEFCFF

■ 002E4F

■ DBFFFF

■ 001A37

■ F8FFFF

■ 000222

■ 000008

■ 000000

■ 4C8EB5

■ 4C8EB5

■ 3A87B5

■ 5E95B5

■ 2881B5

■ 709BB5

■ 167AB5

■ 82A2B5

■ 0473B5

■ 94A9B5

■ 0072B5

■ A7B0B5

■ B9B6B5

■ CBBDB5

■ DDC4B5

■ EFCBB5

Harmonies

Analogous

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



3193A6



4C8EB5



7386B7

Triad

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



4C8EB5



B8747F



748F61

Complementary

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



4C8EB5



B5734C

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.



8F8856



4C8EB5



B47868

Square

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



4C8EB5



AD7698



A68059



569376

Rectangle

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



4C8EB5



8B80B1



A68059



7D8D5C

Sweetspot

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



4C8EB5



C3DCEB



4CB573



5E6D75



F5F5F5



757575

Same Dimension

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



4C8EB5



46AEEB



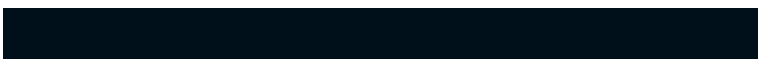
4C5AB5



505659



006099



00101A

Inverse Universe

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



B54C8E



EB46AE



B5A74C



595056



990060



1A0010

Previews

White Background



This preview shows how the Hex color 4C8EB5 looks on a white background.

Color Contrast Check

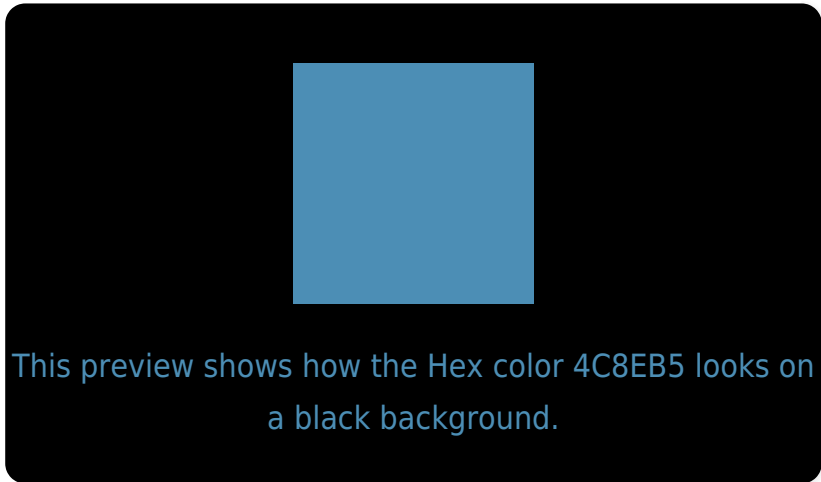
Large Text (above 18pt) WCAG AA ✓ Pass

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

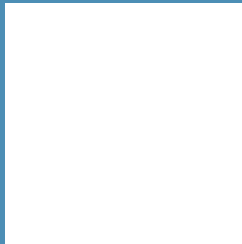
Any Text WCAG AAA × Fail

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

Hex 4C8EB5 Background



This preview shows how black text looks on a background with the Hex color 4C8EB5.



This preview shows how white text looks on a background with the Hex color 4C8EB5.

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



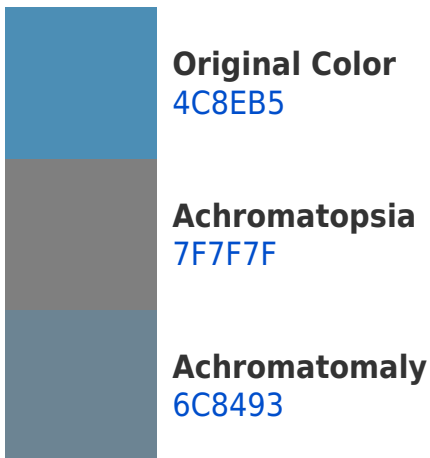


Tritanopia
42929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8EB5 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 #4C8EB5 looks like.

```
.text, #text, p{  
    color:#4C8EB5  
}
```

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 #4C8EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8EB5
}
```

Border

The CSS property to change the border of an element to Hex 4C8EB5 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
#4C8EB5 }
```

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

```
.border{ border-color:#4C8EB5 }
```

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

Here you see how a box with a 4 pixel #4C8EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8EB5; -webkit-box-shadow:4px 4px  
4px 4px #4C8EB5; box-shadow:4px 4px 4px  
4px #4C8EB5 }
```

Background

The CSS property to change the background color of an element to Hex 4C8EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8EB5 }
```

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

```
.background{ background-color:#4C8EB5 }
```

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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