

# Converting Colors

Hex(47A3EC)

Have a look what the booklet for  
Hex(47A3EC) contains.

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# **Color**

**Hex(47A3EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47A3EC
RGB	71, 163, 236
RGB Percent	28%, 64%, 93%
CMY	0.7216, 0.3608, 0.0745
CMYK	0.70, 0.31, 0.00, 0.07
HSL	207°, 81%, 60%
HSV	207°, 70%, 93%
XYZ	30.8360, 33.5901, 84.2152
YIQ	143.8140, -78.2650, 3.1990

# Conversions

## Conversions Part 2

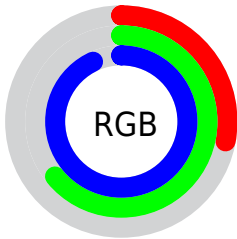
Format	Color
R <sub>Y</sub> B	71, 130, 236
Decimal	4695020
CIE Lab	64.64, -4.00, -44.56
CIE LCh	65, 44.738, 264.867
Yxy	33.5901, 0.2075, 0.2260
Android (android.graphics.Color)	4282885100 (0xFF47A3EC)
YUV	143.8140, 45.4477, -63.8579
Hunter-Lab	57.9570, -6.4537, -45.5823

# Details

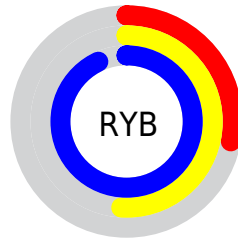
The Hex color **47A3EC** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **EC9047**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **89DAFF**, and **0070B4** is the 20% darker color. If you saturate the color by 10%, you get **2F99EC**, and if you desaturate by 10%, it is **5FADEC**.

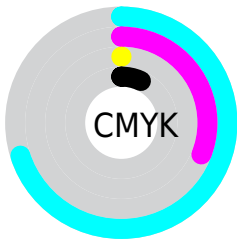
# Distribution



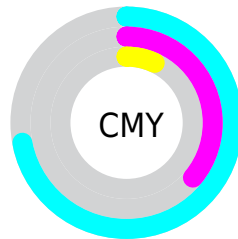
- Red (28%)
- Green (64%)
- Blue (93%)



- Red (28%)
- Yellow (51%)
- Blue (93%)



- Cyan (70%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (36%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47A3EC 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 47A3EC by changing the saturation by 10% instead.



 47A3EC

 47A3EC

FFFFFF

 1889D0

 89DAFF

 0070B4

 A7F6FF

 005899

 C6FFFF

 00417E

 E4FFFF

 002B65

 00174C

 000535

 00021F

 000002

■ 47A3EC

■ 47A3EC

■ 2F99EC

■ 5FADEC

■ 188EEC

■ 76B8EC

■ 0084EC

■ 8EC2EC

■ A5CDEC

■ BDD7EC

■ D5E2EC

■ ECECEC

■ FFF7EC

■ FFFFEC

# Harmonies

## Analogous

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



00ACDD



47A3EC



9595E5

# Triad

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



47A3EC



E87E7D



63AD6D

# Complementary

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



47A3EC



EC9047

# 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.



94A452



47A3EC



D98A5C

# Square

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



47A3EC



E37CA5



BB984B



07B194

# Rectangle

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



47A3EC



BA8BD6



BB984B



75AA62

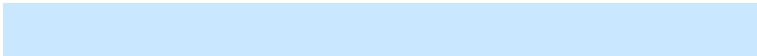


# Sweetspot

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



47A3EC



C9E7FF



47EC8F



607180



000000



808080



# Same Dimension

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



47A3EC



29A0FF



4752EC



6A7075



0065B5



001E36



# Inverse Universe

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



EC47A3



FF29A0



ECE147



756A70



B50065



36001E



# Previews

## White Background



This preview shows how the Hex color 47A3EC looks on a white background.

## Color Contrast Check

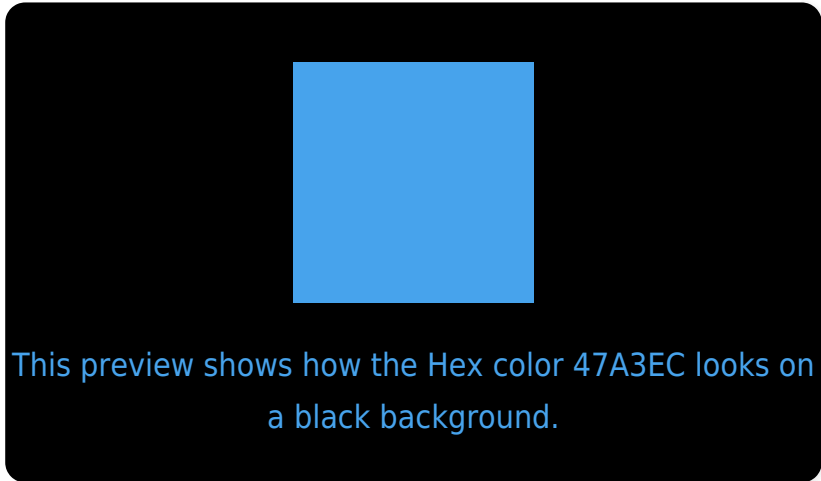
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

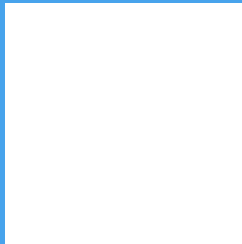
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47A3EC Background



This preview shows how black text looks on a background with the Hex color 47A3EC.



This preview shows how white text looks on a background with the Hex color 47A3EC.

# Color Blindness Simulation

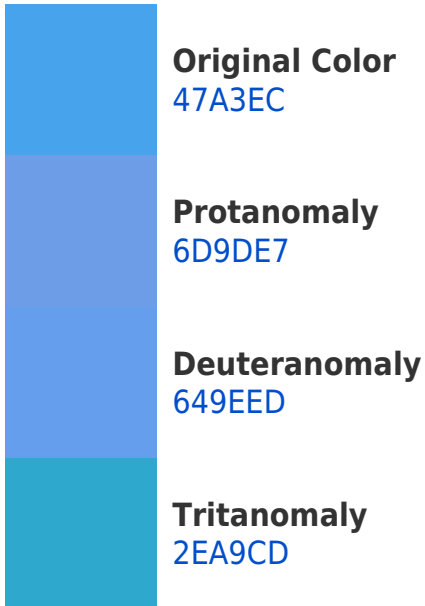
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

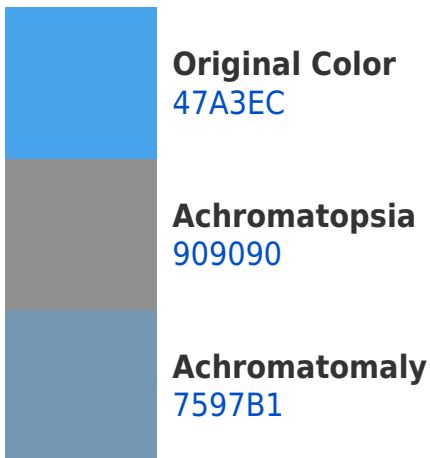




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47A3EC 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 #47A3EC looks like.

```
.text, #text, p{  
    color:#47A3EC  
}
```

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 #47A3EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A3EC
}
```

## Border

The CSS property to change the border of an element to Hex 47A3EC 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
#47A3EC }
```

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

```
.border{ border-color:#47A3EC }
```

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

Here you see how a box with a 4 pixel #47A3EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A3EC; -webkit-box-shadow:4px 4px  
4px 4px #47A3EC; box-shadow:4px 4px 4px  
4px #47A3EC }
```

# Background

The CSS property to change the background color of an element to Hex 47A3EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A3EC }
```

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

```
.background{ background-color:#47A3EC }
```

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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