

# Converting Colors

Hex(23A5E0)

Have a look what the booklet for  
Hex(23A5E0) contains.

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# **Color**

**Hex(23A5E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23A5E0
RGB	35, 165, 224
RGB Percent	14%, 65%, 88%
CMY	0.8627, 0.3529, 0.1216
CMYK	0.84, 0.26, 0.00, 0.12
HSL	199°, 75%, 51%
HSV	199°, 84%, 88%
XYZ	27.6028, 32.6494, 75.3682
YIQ	132.8560, -96.4190, -9.2110

# Conversions

## Conversions Part 2

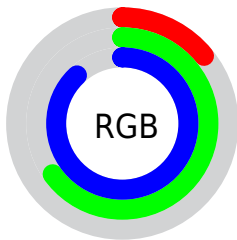
Format	Color
<a href="#">RYB</a>	35, 112, 224
Decimal	2336224
CIELab	63.88, -13.18, -39.20
CIELCh	64, 41.358, 251.415
Yxy	32.6494, 0.2035, 0.2407
Android (android.graphics.Color)	4280526304 (0xFF23A5E0)
YUV	132.8560, 44.9340, -85.8197
Hunter-Lab	57.1397, -13.7653, -38.2067

# Details

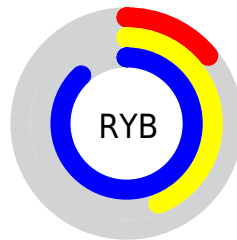
The Hex color **23A5E0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E05E23**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **72DCFF**, and **0071A8** is the 20% darker color. If you saturate the color by 10%, you get **0D9EE0**, and if you desaturate by 10%, it is **39ACE0**.

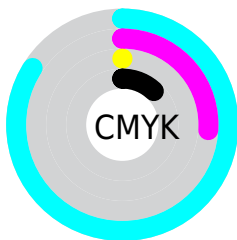
# Distribution



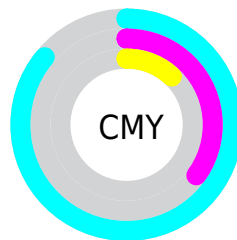
- Red (14%)
- Green (65%)
- Blue (88%)



- Red (14%)
- Yellow (44%)
- Blue (88%)



- Cyan (84%)
- Magenta (26%)
- Yellow (0%)
- Black (12%)



- Cyan (86%)
- Magenta (35%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23A5E0 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 23A5E0 by changing the saturation by 10% instead.



 23A5E0

 23A5E0

FFFFFF

 008BC4

 72DCFF

 0071A8

 92F8FF

 00598E

 B1FFFF

 004274

 D0FFFF

 002C5B

 EFFFFFF

 001943

 00032C

 000117

 000000

■ 23A5E0

■ 23A5E0

■ 0D9EE0

■ 39ACE0

■ 009AE0

■ 50B3E0

■ 66BAE0

■ 7DC1E0

■ 93C8E0

■ A9CFE0

■ C0D6E0

■ D6DDE0

■ EDE4E0

# Harmonies

## Analogous

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



00ACCA



23A5E0



799AE3

# Triad

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



23A5E0



E17D8E



7CA762

# Complementary

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



23A5E0



E05E23

# 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.



A49D51



23A5E0



DB846C

# Square

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



23A5E0



D380B3



C59155



49AC82

# Rectangle

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



23A5E0



A090DA



C59155



8AA45A

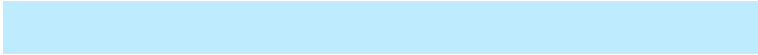


# Sweetspot

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



23A5E0



BFEBFF



23E05C



597480



000000



808080

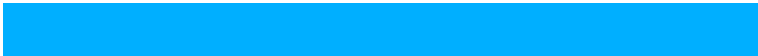


# Same Dimension

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



23A5E0



00AFFF



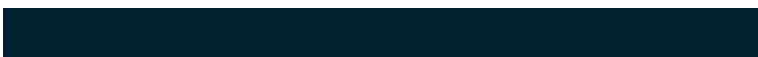
2349E0



656D70



0079B0



002130



# Inverse Universe

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



E023A5



FF00AF



E0BA23



70656D



B00079



300021



# Previews

## White Background



This preview shows how the Hex color 23A5E0 looks on a white background.

## Color Contrast Check

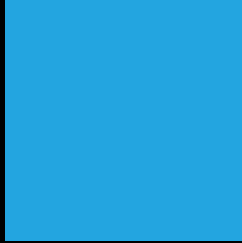
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 23A5E0 looks on a 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

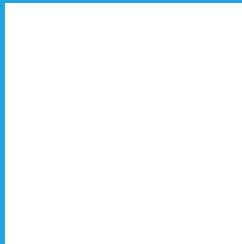
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 23A5E0 Background



This preview shows how black text looks on a background with the Hex color 23A5E0.

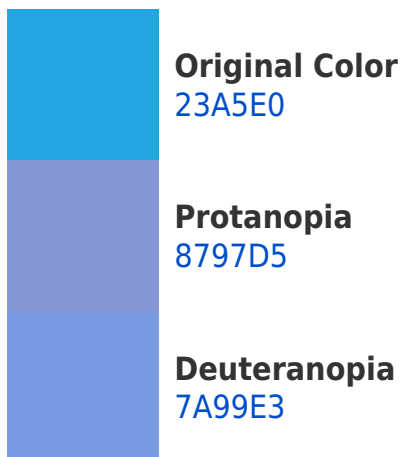


This preview shows how white text looks on a background with the Hex color 23A5E0.

# 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



**Original Color**  
23A5E0

**Protanomaly**  
639CD9

**Deuteranomaly**  
5A9DE2

# Monochromacy



**Original Color**  
23A5E0

**Achromatopsia**  
858585

**Achromatomaly**  
6191A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23A5E0 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 #23A5E0 looks like.

```
.text, #text, p{  
    color:#23A5E0  
}
```

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 #23A5E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A5E0
}
```

## Border

The CSS property to change the border of an element to Hex 23A5E0 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
#23A5E0 }
```

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

```
.border{ border-color:#23A5E0 }
```

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

Here you see how a box with a 4 pixel #23A5E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A5E0; -webkit-box-shadow:4px 4px  
4px 4px #23A5E0; box-shadow:4px 4px 4px  
4px #23A5E0 }
```

# Background

The CSS property to change the background color of an element to Hex 23A5E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A5E0 }
```

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

```
.background{ background-color:#23A5E0 }
```

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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