

# Converting Colors

Hex(23E6F7)

Have a look what the booklet for  
Hex(23E6F7) contains.

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# Color

Hex(23E6F7)

# Conversions

## Conversions Part 1

Format	Color
Hex	23E6F7
RGB	35, 230, 247
RGB Percent	14%, 90%, 97%
CMY	0.8627, 0.0980, 0.0314
CMYK	0.86, 0.07, 0.00, 0.03
HSL	185°, 93%, 55%
HSV	185°, 86%, 97%
XYZ	45.7785, 63.6664, 97.8717
YIQ	173.6330, -121.6770, -36.0530

# Conversions

## Conversions Part 2

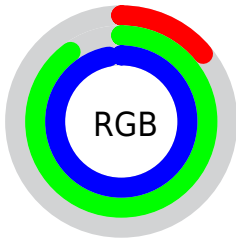
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	35, 137, 247
Decimal	2352887
CIE Lab	83.79, -38.20, -20.96
CIE LCh	84, 43.578, 208.753
Yxy	63.6664, 0.2208, 0.3071
Android (android.graphics.Color)	4280542967 (0xFF23E6F7)
YUV	173.6330, 36.1699, -121.5811
Hunter-Lab	79.7912, -37.2241, -16.8712

# Details

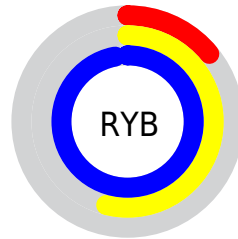
The Hex color **23E6F7** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F73423**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7CFFFF**, and **00AEBF** is the 20% darker color. If you saturate the color by 10%, you get **0AE4F7**, and if you desaturate by 10%, it is **3CE8F7**.

# Distribution



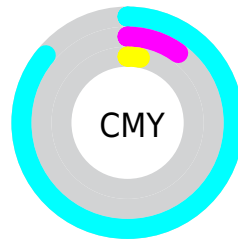
- Red (14%)
- Green (90%)
- Blue (97%)



- Red (14%)
- Yellow (54%)
- Blue (97%)



- Cyan (86%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (86%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23E6F7 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 23E6F7 by changing the saturation by 10% instead.



 23E6F7

 23E6F7

FFFFFF

 00CADA

 7CFFFF

 00AEBF

 9EFFFF

 0093A4

 BFFFFF

 007989

 DFFFFF

 005F70

 004757

 002F40

 00172A

 000115

 23E6F7

 23E6F7

 0AE4F7

 3CE8F7

 00E3F7

 54EAF7

 6DECF7

 86EEF7

 9FF0F7

 B7F2F7

 D0F4F7

 E9F6F7

 FFF8F7

# Harmonies

## Analogous

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



5BE7CE



23E6F7



49E0FF

# Triad

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



23E6F7



FFB9FC



EECE7E

# Complementary

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



23E6F7



F73423

# 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.



FFC08C



23E6F7



FFB1D4

# Square

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



23E6F7



D3C7FF



FFB4AB



C3DA87

# Rectangle

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



23E6F7



7ADAFF



FFB4AB



FAC980



# Sweetspot

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



23E6F7



BDFAFF



23F731



587C80



000000



808080



# Same Dimension

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



23E6F7



00EBFF



237FF7



6E797A



00ABBA



00363B



# Inverse Universe

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



F723E6



FF00EB



F79B23



7A6E79



BA00AB

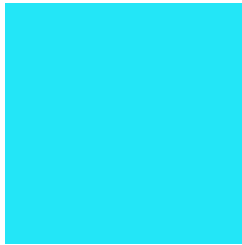


3B0036



# Previews

## White Background



This preview shows how the Hex color 23E6F7 looks on a white background.

## Color Contrast Check

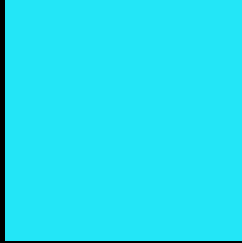
Large Text (above 18pt) WCAG AA × Fail

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 23E6F7 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 23E6F7 Background



This preview shows how black text looks on a background with the Hex color 23E6F7.

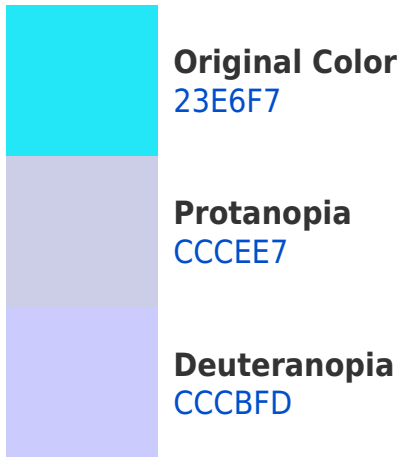


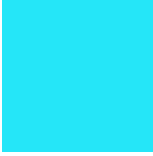
This preview shows how white text looks on a background with the Hex color 23E6F7.

# 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



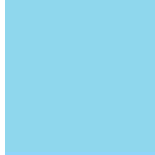


**Tritanopia**  
25E6F8

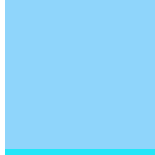
# Trichromacy



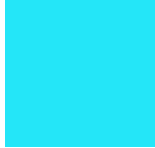
**Original Color**  
23E6F7



**Protanomaly**  
8FD7ED



**Deuteranomaly**  
8FD5FB

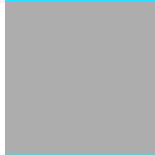


**Tritanomaly**  
24E6F8

# Monochromacy



**Original Color**  
23E6F7



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
7BC2C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23E6F7 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 #23E6F7 looks like.

```
.text, #text, p{  
    color:#23E6F7  
}
```

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 #23E6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23E6F7
}
```

## Border

The CSS property to change the border of an element to Hex 23E6F7 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
#23E6F7 }
```

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

```
.border{ border-color:#23E6F7 }
```

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

Here you see how a box with a 4 pixel #23E6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23E6F7; -webkit-box-shadow:4px 4px  
4px 4px #23E6F7; box-shadow:4px 4px 4px  
4px #23E6F7 }
```

# Background

The CSS property to change the background color of an element to Hex 23E6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23E6F7 }
```

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

```
.background{ background-color:#23E6F7 }
```

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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