

Converting Colors

Hex(23ACF1)

Have a look what the booklet for
Hex(23ACF1) contains.

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Color

Hex(23ACF1)

Conversions

Conversions Part 1

Format	Color
Hex	23ACF1
RGB	35, 172, 241
RGB Percent	14%, 67%, 95%
CMY	0.8627, 0.3255, 0.0549
CMYK	0.85, 0.29, 0.00, 0.05
HSL	200°, 88%, 54%
HSV	200°, 85%, 95%
XYZ	31.3228, 36.2132, 88.5581
YIQ	138.9030, -103.8010, -7.5850

Conversions

Conversions Part 2

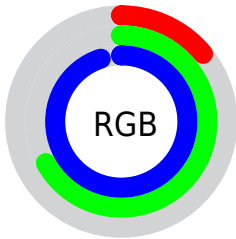
Format	Color
R _Y B	35, 117, 241
Decimal	2338033
CIE Lab	66.68, -11.03, -44.13
CIE LCh	67, 45.490, 255.973
Yxy	36.2132, 0.2007, 0.2320
Android (android.graphics.Color)	4280528113 (0xFF23ACF1)
YUV	138.9030, 50.3338, -91.1229
Hunter-Lab	60.1774, -12.3998, -45.1279

Details

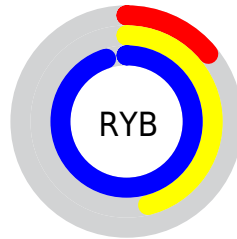
The Hex color **23ACF1** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F16823**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **76E3FF**, and **0078B9** is the 20% darker color. If you saturate the color by 10%, you get **0BA4F1**, and if you desaturate by 10%, it is **3BB4F1**.

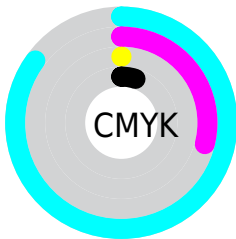
Distribution



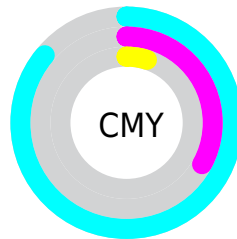
- Red (14%)
- Green (67%)
- Blue (95%)



- Red (14%)
- Yellow (46%)
- Blue (95%)



- Cyan (85%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)



- Cyan (86%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23ACF1 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 23ACF1 by changing the saturation by 10% instead.

 23ACF1

 23ACF1

FFFFFF

 0092D4

 76E3FF

 0078B9

 96FFFF

 005F9D

 B6FFFF

 004883

 D5FFFF

 003269

 F5FFFF

 001E51

 000539

 000223

 00000A

■ 23ACF1

■ 23ACF1

■ 0BA4F1

■ 3BB4F1

■ 00A0F1

■ 53BCF1

■ 6BC4F1

■ 83CCF1

■ 9BD4F1

■ B4DCF1

■ CCE5F1

■ E4EDF1

■ FCF5F1

Harmonies

Analogous

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



00B4DC



23ACF1



879FF1

Triad

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



23ACF1



F0818E



78B167

Complementary

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



23ACF1



F16823

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.



A6A751



23ACF1



E68B69

Square

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



23ACF1



E583B7



CC9952



38B68D

Rectangle

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



23ACF1



B194E5



CC9952



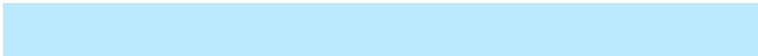
88AE5E

Sweetspot

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



23ACF1



BDE9FF



23F168



587280



000000



808080

Same Dimension

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



23ACF1



00AAFF



2345F1



6C7478



007AB8



002538

Inverse Universe

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



F123AC



FF00AA



F1CF23



786C74



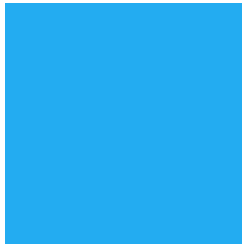
B8007A



380025

Previews

White Background



This preview shows how the Hex color 23ACF1 looks on a white background.

Color Contrast Check

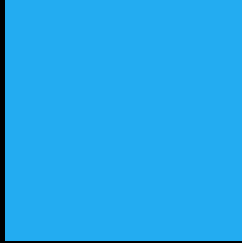
Large Text (above 18pt) WCAG AA × Fail

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 23ACF1 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

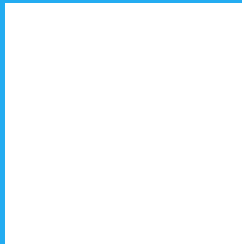
Any Text WCAG AAA ✓ Pass

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

Hex 23ACF1 Background



This preview shows how black text looks on a background with the Hex color 23ACF1.

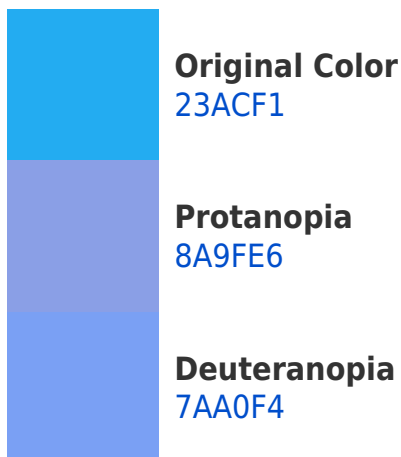


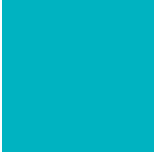
This preview shows how white text looks on a background with the Hex color 23ACF1.

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](#).

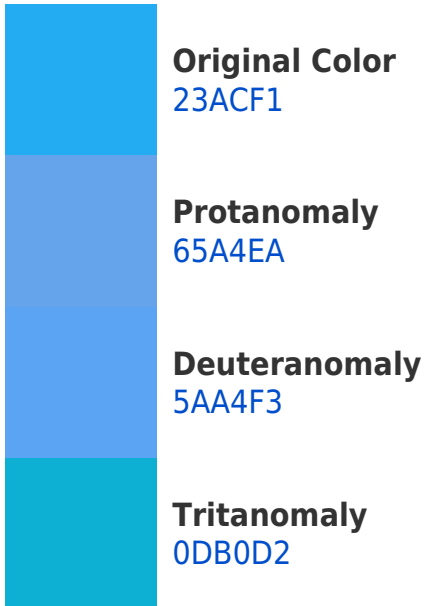
Dichromacy



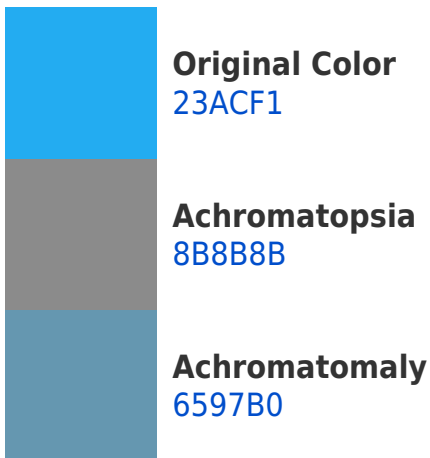


Tritanopia
00B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23ACF1 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 #23ACF1 looks like.

```
.text, #text, p{  
    color:#23ACF1  
}
```

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 #23ACF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23ACF1
}
```

Border

The CSS property to change the border of an element to Hex 23ACF1 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
#23ACF1 }
```

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

```
.border{ border-color:#23ACF1 }
```

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

Here you see how a box with a 4 pixel #23ACF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23ACF1; -webkit-box-shadow:4px 4px  
4px 4px #23ACF1; box-shadow:4px 4px 4px  
4px #23ACF1 }
```

Background

The CSS property to change the background color of an element to Hex 23ACF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23ACF1 }
```

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

```
.background{ background-color:#23ACF1 }
```

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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