

Converting Colors

Hex(24A3E9)

Have a look what the booklet for
Hex(24A3E9) contains.

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Color

Hex(24A3E9)

Conversions

Conversions Part 1

Format	Color
Hex	24A3E9
RGB	36, 163, 233
RGB Percent	14%, 64%, 91%
CMY	0.8588, 0.3608, 0.0863
CMYK	0.85, 0.30, 0.00, 0.09
HSL	201°, 82%, 53%
HSV	201°, 85%, 91%
XYZ	28.5327, 32.4526, 81.8509
YIQ	133.0070, -98.1620, -5.1540

Conversions

Conversions Part 2

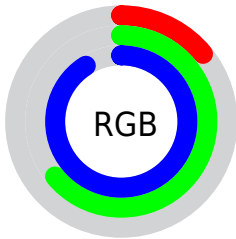
Format	Color
R _Y B	36, 113, 233
Decimal	2401257
CIE Lab	63.72, -8.81, -44.41
CIE LCh	64, 45.277, 258.779
Yxy	32.4526, 0.1998, 0.2272
Android (android.graphics.Color)	4280591337 (0xFF24A3E9)
YUV	133.0070, 49.2965, -85.0751
Hunter-Lab	56.9672, -10.2887, -45.3113

Details

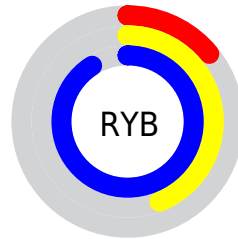
The Hex color **24A3E9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E96A24**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **74DAFF**, and **0070B1** is the 20% darker color. If you saturate the color by 10%, you get **0D9BE9**, and if you desaturate by 10%, it is **3BABE9**.

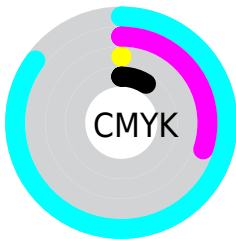
Distribution



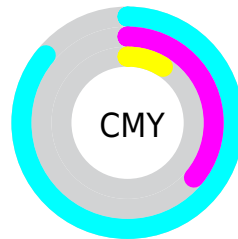
- Red (14%)
- Green (64%)
- Blue (91%)



- Red (14%)
- Yellow (44%)
- Blue (91%)



- Cyan (85%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (86%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24A3E9 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 24A3E9 by changing the saturation by 10% instead.

 24A3E9

 24A3E9

FFFFFF

 0089CD

 74DAFF

 0070B1

 94F6FF

 005796

 B4FFFF

 00407C

 D3FFFF

 002B62

 F2FFFF

 00174A

 000433

 00021D

 000000

■ 24A3E9

■ 24A3E9

■ 0D9BE9

■ 3BABE9

■ 0096E9

■ 53B4E9

■ 6ABCE9

■ 81C4E9

■ 99CCE9

■ B0D5E9

■ C7DDE9

■ DEE5E9

■ F6EEE9

Harmonies

Analogous

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



00ABD6



24A3E9



8596E7

Triad

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



24A3E9



E77A82



6BA963

Complementary

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



24A3E9



E96A24

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.



9AA04B



24A3E9



DB845F

Square

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



24A3E9



DE7AAB



C0934A



23AE89

Rectangle

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



24A3E9



AD8BD9



C0934A



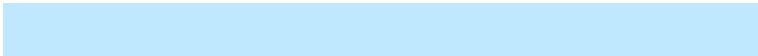
7CA759

Sweetspot

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



24A3E9



BFE8FF



24E969



597280



000000



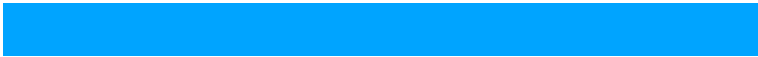
808080

Same Dimension

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



24A3E9



00A4FF



2442E9



6A7175



0075B5



002336

Inverse Universe

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



E924A3



FF00A4



E9CB24



756A71



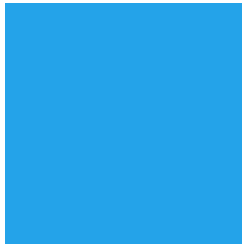
B50075



360023

Previews

White Background



This preview shows how the Hex color 24A3E9 looks on a white background.

Color Contrast Check

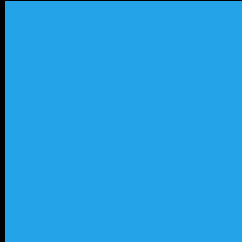
Large Text (above 18pt) WCAG AA × Fail

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 24A3E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

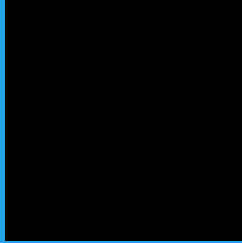
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

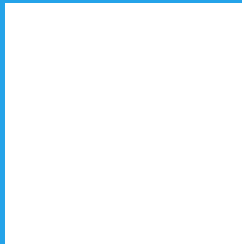
Any Text WCAG AAA ✓ Pass

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

Hex 24A3E9 Background



This preview shows how black text looks on a background with the Hex color 24A3E9.

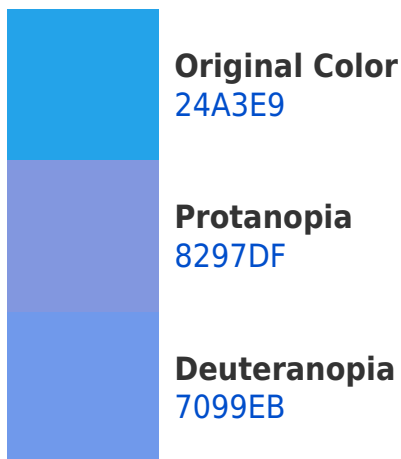


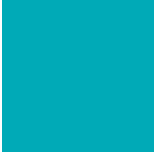
This preview shows how white text looks on a background with the Hex color 24A3E9.

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](#).

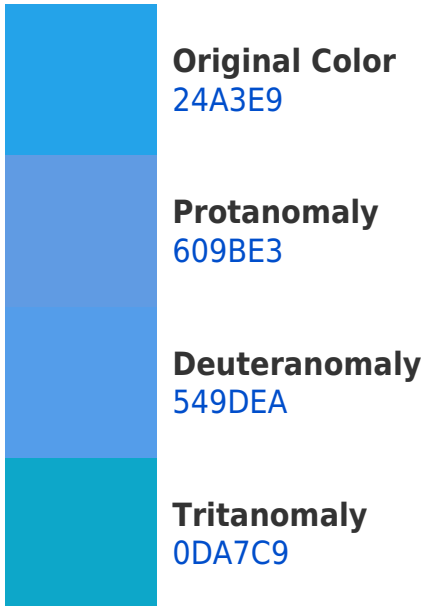
Dichromacy



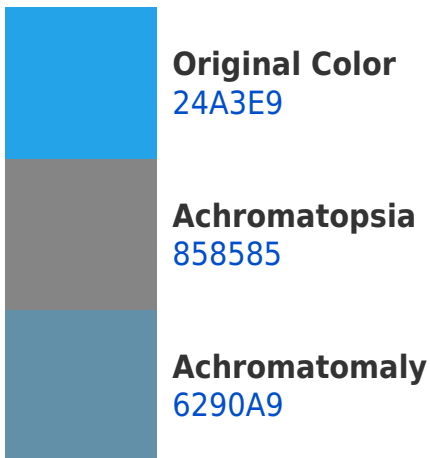


Tritanopia
00AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24A3E9 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 #24A3E9 looks like.

```
.text, #text, p{  
    color:#24A3E9  
}
```

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 #24A3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24A3E9
}
```

Border

The CSS property to change the border of an element to Hex 24A3E9 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
#24A3E9 }
```

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

```
.border{ border-color:#24A3E9 }
```

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

Here you see how a box with a 4 pixel #24A3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24A3E9; -webkit-box-shadow:4px 4px  
4px 4px #24A3E9; box-shadow:4px 4px 4px  
4px #24A3E9 }
```

Background

The CSS property to change the background color of an element to Hex 24A3E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24A3E9 }
```

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

```
.background{ background-color:#24A3E9 }
```

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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