

# Converting Colors

Hex(24ABE0)

Have a look what the booklet for  
Hex(24ABE0) contains.

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# **Color**

**Hex(24ABE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24ABE0
RGB	36, 171, 224
RGB Percent	14%, 67%, 88%
CMY	0.8588, 0.3294, 0.1216
CMYK	0.84, 0.24, 0.00, 0.12
HSL	197°, 75%, 51%
HSV	197°, 84%, 88%
XYZ	28.7450, 34.8827, 75.7390
YIQ	136.6770, -97.4730, -12.1370

# Conversions

## Conversions Part 2

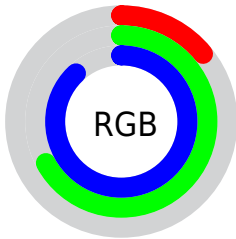
Format	Color
<a href="#">RYB</a>	<a href="#">36, 115, 224</a>
Decimal	<a href="#">2403296</a>
CIELab	<a href="#">65.66, -16.35, -36.42</a>
CIELCh	<a href="#">66, 39.923, 245.819</a>
Yxy	<a href="#">34.8827, 0.2063, 0.2503</a>
Android (android.graphics.Color)	<a href="#">4280593376</a> ( <a href="#">0xFF24ABE0</a> )
YUV	<a href="#">136.6770, 43.0502, -88.2937</a>
Hunter-Lab	<a href="#">59.0616, -16.4826, -34.6888</a>

# Details

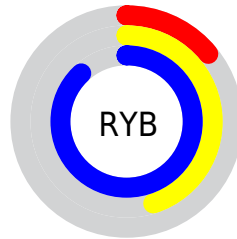
The Hex color **24ABE0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E05924**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **73E2FF**, and **0077A9** is the 20% darker color. If you saturate the color by 10%, you get **0EA5E0**, and if you desaturate by 10%, it is **3AB1E0**.

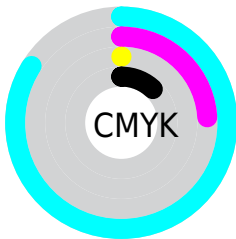
# Distribution



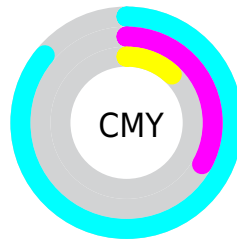
- Red (14%)
- Green (67%)
- Blue (88%)



- Red (14%)
- Yellow (45%)
- Blue (88%)



- Cyan (84%)
- Magenta (24%)
- Yellow (0%)
- Black (12%)



- Cyan (86%)
- Magenta (33%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24ABE0 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 24ABE0 by changing the saturation by 10% instead.



 24ABE0

 24ABE0

FFFFFF

 0090C4

 73E2FF

 0077A9

 93FFFF

 005E8E

 B2FFFF

 004674

 D1FFFF

 00305B

 F0FFFF

 001D43

 00032D

 000117

 000000

■ 24ABE0

■ 24ABE0

■ 0EA5E0

■ 3AB1E0

■ 00A1E0

■ 51B8E0

■ 67BEE0

■ 7EC4E0

■ 94CBE0

■ AAD1E0

■ C1D7E0

■ D7DEE0

■ EEE4E0

# Harmonies

## Analogous

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



00B1C8



24ABE0



75A1E6

# Triad

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



24ABE0



E3839A



89AA64

# Complementary

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



24ABE0



E05924

# 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.



B0A057



24ABE0



E18877

# Square

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



24ABE0



D288BD



CE935F



5CB081

# Rectangle

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



24ABE0



9C98E0



CE935F



97A75D

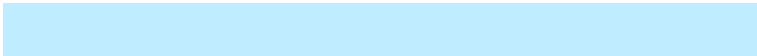


# Sweetspot

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



24ABE0



BFEDFF



24E056



597580



000000



808080

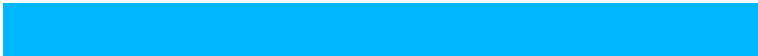


# Same Dimension

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



24ABE0



00B7FF



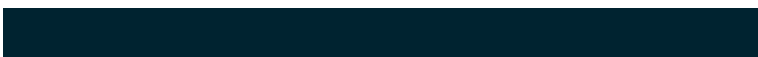
2450E0



656D70



007EB0



002330



# Inverse Universe

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



E024AB



FF00B7



E0B424



70656D



B0007E

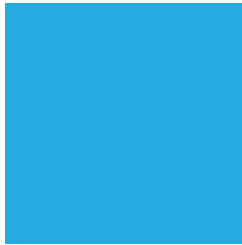


300023



# Previews

## White Background



This preview shows how the Hex color 24ABE0 looks on a white background.

## Color Contrast Check

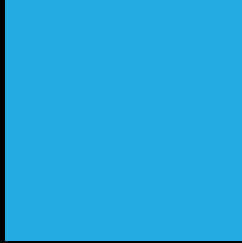
Large Text (above 18pt) WCAG AA × Fail

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 24ABE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

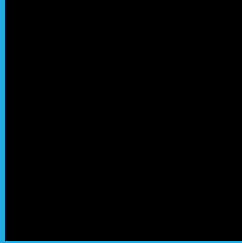
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

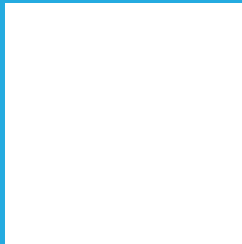
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 24ABE0 Background



This preview shows how black text looks on a background with the Hex color 24ABE0.

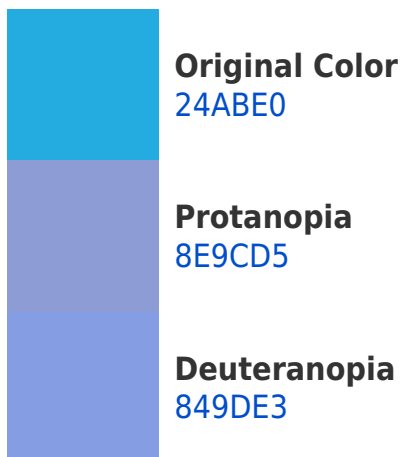


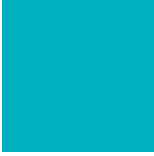
This preview shows how white text looks on a background with the Hex color 24ABE0.

# Color Blindness Simulation

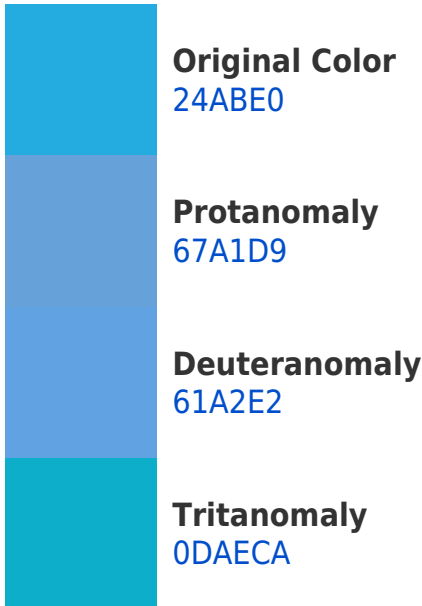
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

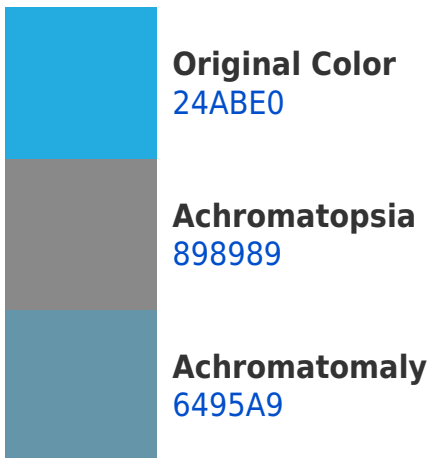




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24ABE0 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 #24ABE0 looks like.

```
.text, #text, p{  
    color:#24ABE0  
}
```

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 #24ABE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24ABE0
}
```

## Border

The CSS property to change the border of an element to Hex 24ABE0 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
#24ABE0 }
```

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

```
.border{ border-color:#24ABE0 }
```

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

Here you see how a box with a 4 pixel #24ABE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24ABE0; -webkit-box-shadow:4px 4px  
4px 4px #24ABE0; box-shadow:4px 4px 4px  
4px #24ABE0 }
```

# Background

The CSS property to change the background color of an element to Hex 24ABE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24ABE0 }
```

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

```
.background{ background-color:#24ABE0 }
```

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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