

# Converting Colors

Hex(269EC0)

Have a look what the booklet for  
Hex(269EC0) contains.

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# Color

Hex(269EC0)

# Conversions

## Conversions Part 1

Format	Color
Hex	269EC0
RGB	38, 158, 192
RGB Percent	15%, 62%, 75%
CMY	0.8510, 0.3804, 0.2471
CMYK	0.80, 0.18, 0.00, 0.25
HSL	193°, 67%, 45%
HSV	193°, 80%, 75%
XYZ	22.5406, 28.6716, 54.2153
YIQ	125.9960, -82.4340, -14.8660

# Conversions

## Conversions Part 2

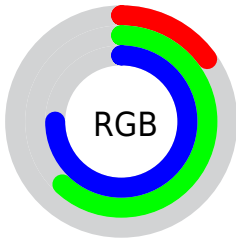
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 105, 192
Decimal	2531008
CIE <sub>Lab</sub>	60.49, -20.21, -26.64
CIE <sub>LCh</sub>	60, 33.439, 232.812
Yxy	28.6716, 0.2138, 0.2720
Android (android.graphics.Color)	4280721088 (0xFF269EC0)
YUV	125.9960, 32.5400, -77.1725
Hunter-Lab	53.5458, -18.5640, -22.5492

# Details

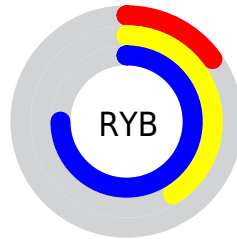
The Hex color **269EC0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **C04826**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6DD5F9**, and **006A8A** is the 20% darker color. If you saturate the color by 10%, you get **139AC0**, and if you desaturate by 10%, it is **39A2C0**.

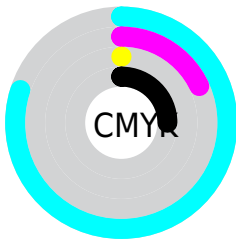
# Distribution



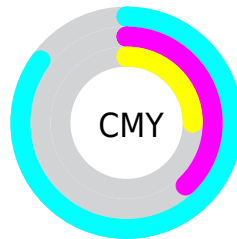
- Red (15%)
- Green (62%)
- Blue (75%)



- Red (15%)
- Yellow (41%)
- Blue (75%)



- Cyan (80%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (85%)
- Magenta (38%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 269EC0 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 269EC0 by changing the saturation by 10% instead.



 269EC0

 269EC0

FFFFFF

 0084A5

 6DD5F9

 006A8A

 8CF1FF

 005271

 AAFFFF

 003B58

 C8FFFF

 002541

 E6FFFF

 00062B

 000115

 000000

 269EC0

 269EC0

■ 139AC0

■ 39A2C0

■ 0096C0

■ 4CA6C0

■ 60ABC0

■ 73AFC0

■ 86B3C0

■ 99B7C0

■ ACBCC0

■ C0C0C0

■ D3C4C0

# Harmonies

## Analogous

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



1BA1A8



269EC0



5B97CC

# Triad

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



269EC0



C67C9A



8E975B

# Complementary

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



269EC0



C04826

# 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.



AC8E57



269EC0



CB7C7C

# Square

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



269EC0



B082B6



C18364



6C9E6D

# Rectangle

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



269EC0



7C90CB



C18364



999457

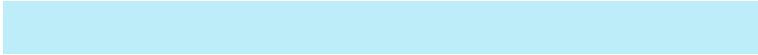


# Sweetspot

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



269EC0



BEEDFA



26C047



59757D



FCFCFC



7D7D7D



# Same Dimension

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



269EC0



0AC5FA



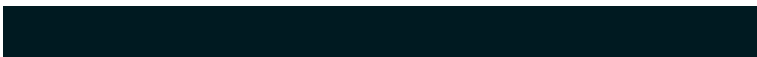
2652C0



575F61



007DA1



001A21



# Inverse Universe

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



C0269E



FA0AC5



C09426



61575F



A1007D



21001A



# Previews

## White Background



This preview shows how the Hex color 269EC0 looks on a white background.

## Color Contrast Check

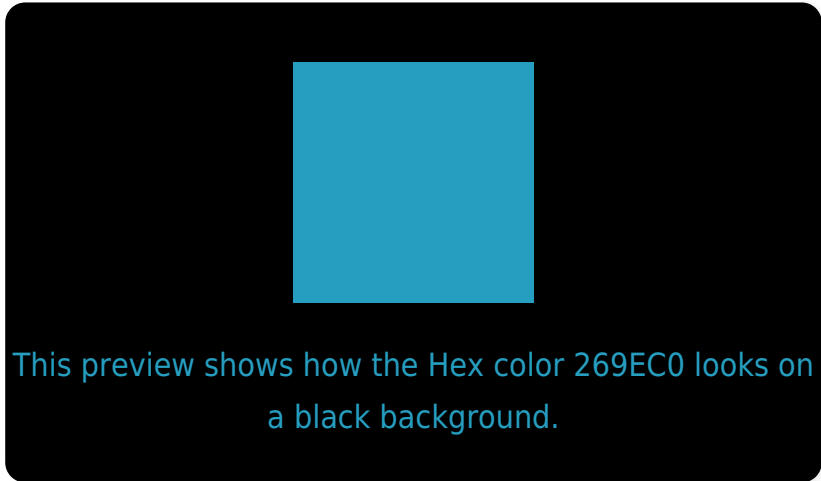
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

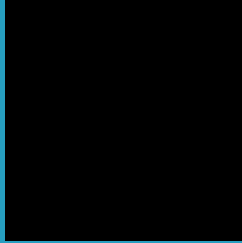
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 269EC0 Background



This preview shows how black text looks on a background with the Hex color 269EC0.



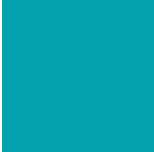
This preview shows how white text looks on a background with the Hex color 269EC0.

# 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](#).

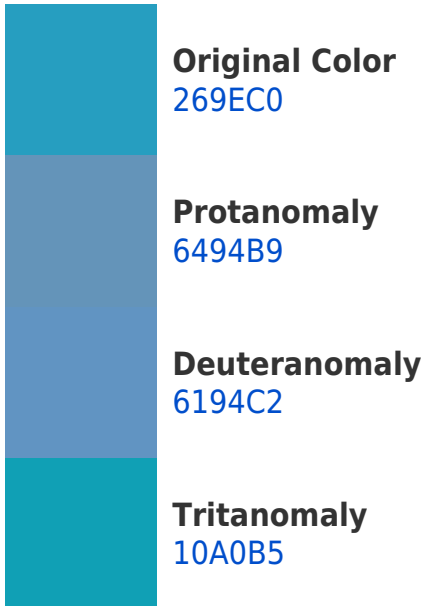
## Dichromacy





**Tritanopia**  
04A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 269EC0 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 #269EC0 looks like.

```
.text, #text, p{  
    color:#269EC0  
}
```

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 #269EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #269EC0
}
```

## Border

The CSS property to change the border of an element to Hex 269EC0 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
#269EC0 }
```

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

```
.border{ border-color:#269EC0 }
```

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

Here you see how a box with a 4 pixel #269EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #269EC0; -webkit-box-shadow:4px 4px  
4px 4px #269EC0; box-shadow:4px 4px 4px  
4px #269EC0 }
```

# Background

The CSS property to change the background color of an element to Hex 269EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#269EC0 }
```

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

```
.background{ background-color:#269EC0 }
```

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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