

# Converting Colors

Hex(29A1E5)

Have a look what the booklet for  
Hex(29A1E5) contains.

<b>Hex(29A1E5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(29A1E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29A1E5
RGB	41, 161, 229
RGB Percent	16%, 63%, 90%
CMY	0.8392, 0.3686, 0.1020
CMYK	0.82, 0.30, 0.00, 0.10
HSL	202°, 78%, 53%
HSV	202°, 82%, 90%
XYZ	27.8022, 31.6183, 78.7664
YIQ	132.8720, -93.3480, -4.2920

# Conversions

## Conversions Part 2

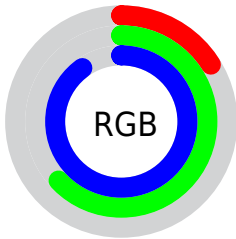
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 114, 229
Decimal	2728421
CIE Lab	63.03, -8.72, -43.29
CIE LCh	63, 44.156, 258.607
Yxy	31.6183, 0.2012, 0.2288
Android (android.graphics.Color)	4280918501 (0xFF29A1E5)
YUV	132.8720, 47.3911, -80.5717
Hunter-Lab	56.2302, -10.1460, -43.6914




# Details

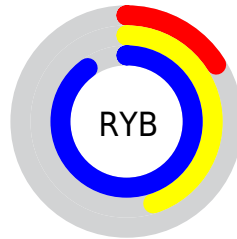
The Hex color **29A1E5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E56D29**, and the grayscale version is **848484**.


A 20% lighter version of the original color is **75D8FF**, and **006EAD** is the 20% darker color. If you saturate the color by 10%, you get **1299E5**, and if you desaturate by 10%, it is **40A9E5**.

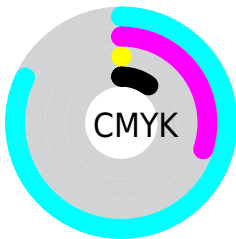
# Distribution







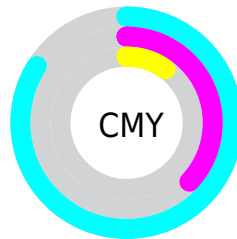
-  Red (16%)
-  Green (63%)
-  Blue (90%)






-  Red (16%)
-  Yellow (45%)
-  Blue (90%)



-  Cyan (82%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (10%)



-  Cyan (84%)
-  Magenta (37%)
-  Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29A1E5 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 29A1E5 by changing the saturation by 10% instead.



 29A1E5

 29A1E5

FFFFFF

 0087C9

 75D8FF

 006EAD

 95F4FF

 005692

 B4FFFF

 003F78

 D3FFFF

 00295F

 F2FFFF

 001547

 000430

 00011A

 000000

■ 29A1E5

■ 29A1E5

■ 1299E5

■ 40A9E5

■ 0092E5

■ 57B2E5

■ 6EBAE5

■ 85C2E5

■ 9BCAE5

■ B2D3E5

■ C9DBE5

■ E0E3E5

■ F7ECE5

# Harmonies

## Analogous

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



00A9D2



29A1E5



8494E3

# Triad

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



29A1E5



E37982



6BA763

# Complementary

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



29A1E5



E56D29

# 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.



989E4B



29A1E5



D8835F

# Square

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



29A1E5



DA7AA9



BD914A



28AC88

# Rectangle

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



29A1E5



AB8AD6



BD914A



7BA459

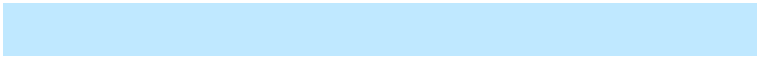


# Sweetspot

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



29A1E5



BFE8FF



29E56B



597280



000000



808080

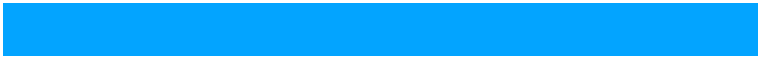


# Same Dimension

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



29A1E5



03A4FF



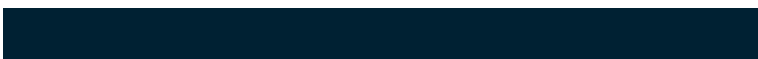
2945E5



676F73



0072B3



002133



# Inverse Universe

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



E529A1



FF03A4



E5C929



73676F



B30072

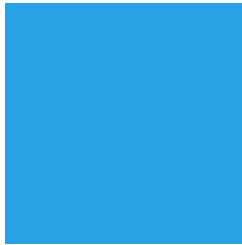


330021



# Previews

## White Background



This preview shows how the Hex color 29A1E5 looks on a white background.

## Color Contrast Check

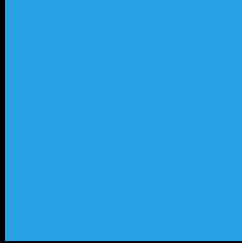
Large Text (above 18pt) WCAG AA × Fail

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 29A1E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

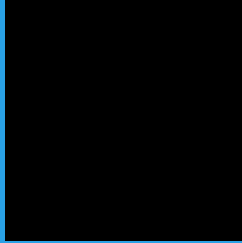
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

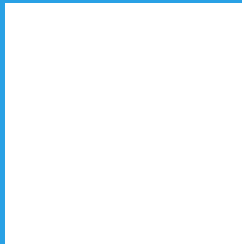
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29A1E5 Background



This preview shows how black text looks on a background with the Hex color 29A1E5.

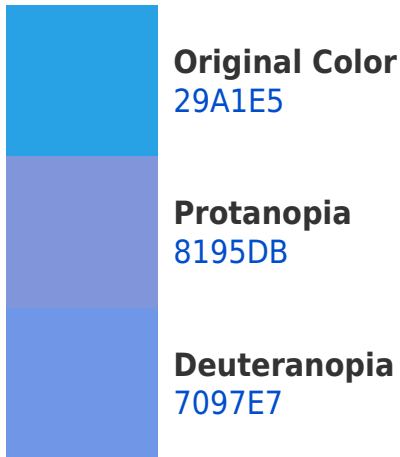


This preview shows how white text looks on a background with the Hex color 29A1E5.

# 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](#).

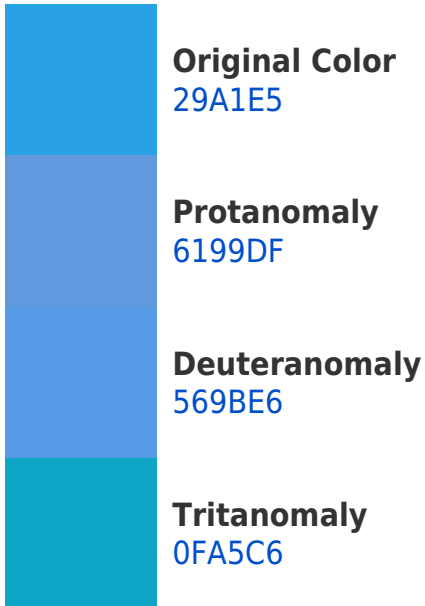
## Dichromacy



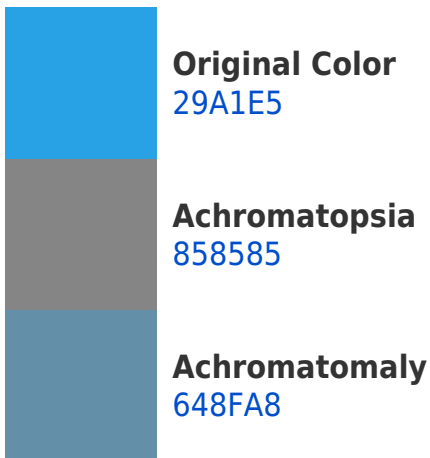


**Tritanopia**  
00A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29A1E5 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 #29A1E5 looks like.

```
.text, #text, p{  
    color:#29A1E5  
}
```

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 #29A1E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A1E5
}
```

## Border

The CSS property to change the border of an element to Hex 29A1E5 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
#29A1E5 }
```

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

```
.border{ border-color:#29A1E5 }
```

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

Here you see how a box with a 4 pixel #29A1E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A1E5; -webkit-box-shadow:4px 4px  
4px 4px #29A1E5; box-shadow:4px 4px 4px  
4px #29A1E5 }
```

# Background

The CSS property to change the background color of an element to Hex 29A1E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A1E5 }
```

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

```
.background{ background-color:#29A1E5 }
```

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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