

# Converting Colors

Hex(10E1F6)

Have a look what the booklet for  
Hex(10E1F6) contains.

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# **Color**

**Hex(10E1F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10E1F6
RGB	16, 225, 246
RGB Percent	6%, 88%, 96%
CMY	0.9373, 0.1176, 0.0353
CMYK	0.93, 0.09, 0.00, 0.04
HSL	185°, 93%, 51%
HSV	185°, 93%, 96%
XYZ	43.7735, 60.6144, 96.5814
YIQ	164.9030, -131.3050, -37.7770

# Conversions

## Conversions Part 2

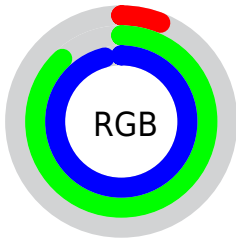
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	16, 125, 246
Decimal	1106422
CIE Lab	82.17, -37.03, -22.90
CIE LCh	82, 43.538, 211.741
Yxy	60.6144, 0.2178, 0.3016
Android (android.graphics.Color)	4279296502 (0xFF10E1F6)
YUV	164.9030, 39.9808, -130.5879
Hunter-Lab	77.8553, -35.8866, -19.0521

# Details

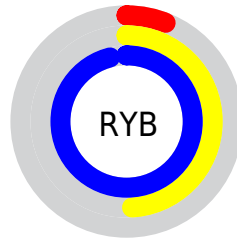
The Hex color **10E1F6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F62510**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **76FFFF**, and **00A9BE** is the 20% darker color. If you saturate the color by 10%, you get **00E0F6**, and if you desaturate by 10%, it is **29E3F6**.

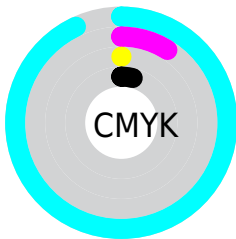
# Distribution



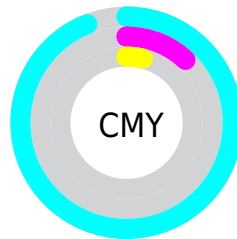
- Red (6%)
- Green (88%)
- Blue (96%)



- Red (6%)
- Yellow (49%)
- Blue (96%)



- Cyan (93%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (94%)
- Magenta (12%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10E1F6 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 10E1F6 by changing the saturation by 10% instead.



 10E1F6

 10E1F6

FFFFFF

 00C5DA

 76FFFF

 00A9BE

 98FFFF

 008EA3

 B9FFFF

 007488

 DAFFFF

 005B6F

 FAFFFF

 004356

 002C3F

 001129

 000114

■ 10E1F6

■ 10E1F6

■ 00E0F6

■ 29E3F6

■ 41E5F6

■ 5AE8F6

■ 72EAF6

■ 8BECF6

■ A4EEF6

■ BCF1F6

■ D5F3F6

■ EDF5F6

# Harmonies

## Analogous

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



50E2CD



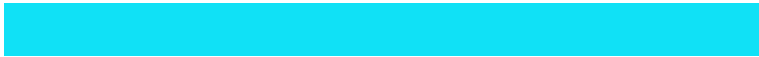
10E1F6



4ADBFF

# Triad

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



10E1F6



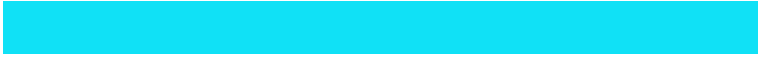
FFB3F4



E5CB7A

# Complementary

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



10E1F6



F62510

# 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.



FFBC85



10E1F6



FFACCC

# Square

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



10E1F6



D4C1FF



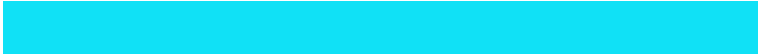
FFB0A3



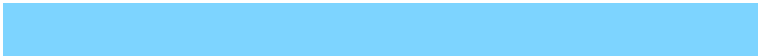
BAD785

# Rectangle

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



10E1F6



7DD4FF



FFB0A3



F1C67B



# Sweetspot

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



10E1F6



B8F8FF



10F623



547C80



000000



808080



# Same Dimension

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



10E1F6



00E8FF



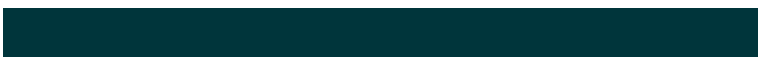
1070F6



6E797A



00A9BA



00353B



# Inverse Universe

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



F610E1



FF00E8



F69610



7A6E79



BA00A9

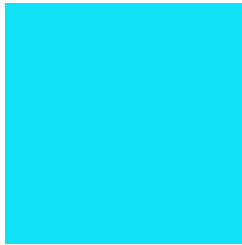


3B0035



# Previews

## White Background



This preview shows how the Hex color 10E1F6 looks on a white background.

## Color Contrast Check

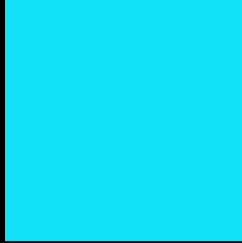
Large Text (above 18pt) WCAG AA × Fail

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 10E1F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

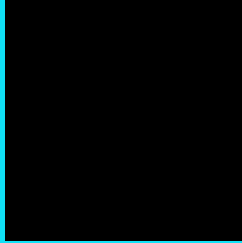
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 10E1F6 Background



This preview shows how black text looks on a background with the Hex color 10E1F6.

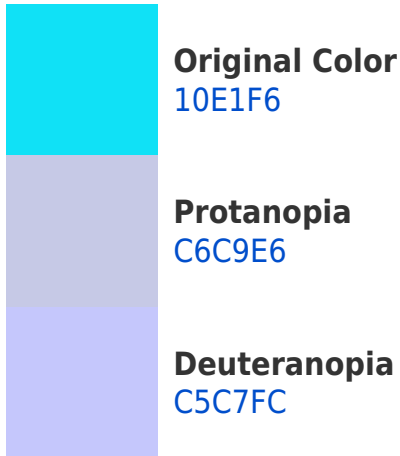


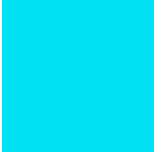
This preview shows how white text looks on a background with the Hex color 10E1F6.

# 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



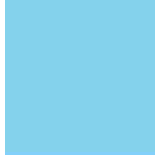


**Tritanopia**  
00E1F4

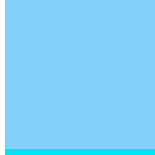
# Trichromacy



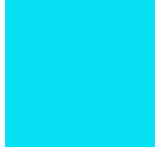
**Original Color**  
10E1F6



**Protanomaly**  
84D2EC



**Deuteranomaly**  
83D0FA

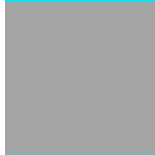


**Tritanomaly**  
06E1F5

# Monochromacy



**Original Color**  
10E1F6



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
6FBBC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10E1F6 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 #10E1F6 looks like.

```
.text, #text, p{  
    color:#10E1F6  
}
```

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 #10E1F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10E1F6
}
```

## Border

The CSS property to change the border of an element to Hex 10E1F6 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
#10E1F6 }
```

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

```
.border{ border-color:#10E1F6 }
```

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

Here you see how a box with a 4 pixel #10E1F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10E1F6; -webkit-box-shadow:4px 4px  
4px 4px #10E1F6; box-shadow:4px 4px 4px  
4px #10E1F6 }
```

# Background

The CSS property to change the background color of an element to Hex 10E1F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10E1F6 }
```

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

```
.background{ background-color:#10E1F6 }
```

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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