

# Converting Colors

Hex(04D6E4)

Have a look what the booklet for  
Hex(04D6E4) contains.

<b>Hex(04D6E4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(04D6E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04D6E4
RGB	4, 214, 228
RGB Percent	2%, 84%, 89%
CMY	0.9843, 0.1608, 0.1059
CMYK	0.98, 0.06, 0.00, 0.11
HSL	184°, 97%, 45%
HSV	184°, 98%, 89%
XYZ	38.1002, 53.7204, 81.7598
YIQ	152.8060, -129.6540, -40.1660

# Conversions

## Conversions Part 2

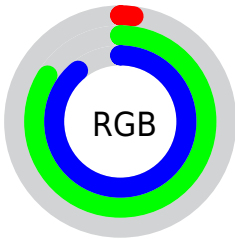
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 112, 228
Decimal	317156
CIELab	78.30, -37.79, -19.20
CIELCh	78, 42.391, 206.933
Yxy	53.7204, 0.2195, 0.3095
Android (android.graphics.Color)	4278507236 (0xFF04D6E4)
YUV	152.8060, 37.0706, -130.5029
Hunter-Lab	73.2942, -35.4759, -14.8321

# Details

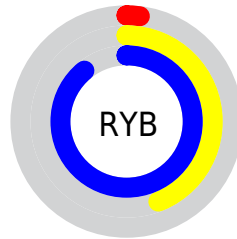
The Hex color **04D6E4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E41204**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **70FFFF**, and **009FAD** is the 20% darker color. If you saturate the color by 10%, you get **00D6E4**, and if you desaturate by 10%, it is **1BD7E4**.

# Distribution



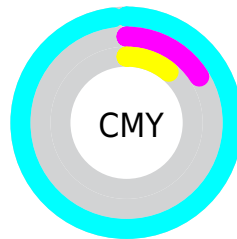
- Red (2%)
- Green (84%)
- Blue (89%)



- Red (2%)
- Yellow (44%)
- Blue (89%)



- Cyan (98%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04D6E4 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 04D6E4 by changing the saturation by 10% instead.



 04D6E4

 04D6E4

FFFFFF

 00BAC8

 70FFFF

 009FAD

 92FFFF

 008492

 B3FFFF

 006A78

 D2FFFF

 005160

 F2FFFF

 003948

 002531

 00021D

 000000

04D6E4

04D6E4

00D6E4

1BD7E4

32D9E4

48DAE4

5FDCE4

76DDE4

8DDFE4

A4E0E4

BAE1E4

D1E3E4

# Harmonies

## Analogous

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



52D6BC



04D6E4



34D1FF

# Triad

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



04D6E4



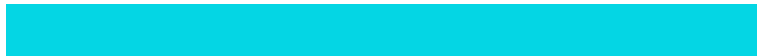
EFABED



DFBE72

# Complementary

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



04D6E4



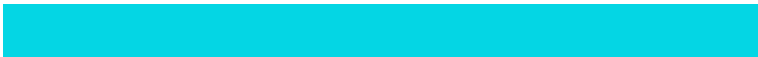
E41204

# 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.



FEB081



04D6E4



FFA3C7

# Square

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



04D6E4



C0B9FF



FFA5A0



B7CA7A

# Rectangle

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



04D6E4



68CBFF



FFA5A0



EBB975



# Sweetspot

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



04D6E4



B5FAFF



04E40F



537D80



000000



808080



# Same Dimension

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



04D6E4



00EFFF



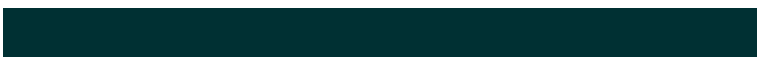
0469E4



677273



00A7B3



003033



# Inverse Universe

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



E404D6



FF00EF



E47F04



736772



B300A7

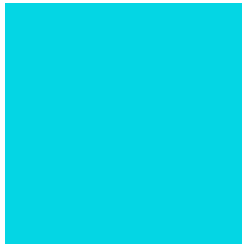


330030



# Previews

## White Background



This preview shows how the Hex color 04D6E4 looks on a white background.

## Color Contrast Check

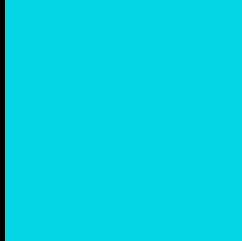
Large Text (above 18pt) WCAG AA × Fail

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 04D6E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

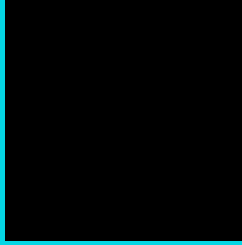
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 04D6E4 Background



This preview shows how black text looks on a background with the Hex color 04D6E4.



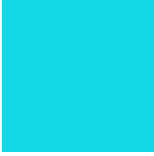
This preview shows how white text looks on a background with the Hex color 04D6E4.

# 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



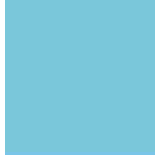


**Tritanopia**  
13D6E7

# Trichromacy



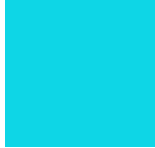
**Original Color**  
04D6E4



**Protanomaly**  
7AC7DA



**Deuteranomaly**  
7AC5E8

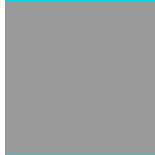


**Tritanomaly**  
0ED6E6

# Monochromacy



**Original Color**  
04D6E4



**Achromatopsia**  
999999



**Achromatomaly**  
63AFB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04D6E4 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 #04D6E4 looks like.

```
.text, #text, p{  
    color:#04D6E4  
}
```

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 #04D6E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04D6E4
}
```

## Border

The CSS property to change the border of an element to Hex 04D6E4 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
#04D6E4 }
```

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

```
.border{ border-color:#04D6E4 }
```

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

Here you see how a box with a 4 pixel #04D6E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04D6E4; -webkit-box-shadow:4px 4px  
4px 4px #04D6E4; box-shadow:4px 4px 4px  
4px #04D6E4 }
```

# Background

The CSS property to change the background color of an element to Hex 04D6E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04D6E4 }
```

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

```
.background{ background-color:#04D6E4 }
```

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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