

Converting Colors

Hex(007DCE)

Have a look what the booklet for
Hex(007DCE) contains.

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Color

Hex(007DCE)

Conversions

Conversions Part 1

Format	Color
Hex	007DCE
RGB	0, 125, 206
RGB Percent	0%, 49%, 81%
CMY	1.0000, 0.5098, 0.1922
CMYK	1.00, 0.39, 0.00, 0.19
HSL	204°, 100%, 40%
HSV	204°, 100%, 81%
XYZ	18.4742, 19.1235, 61.1100
YIQ	96.8590, -100.5010, -1.3090

Conversions

Conversions Part 2

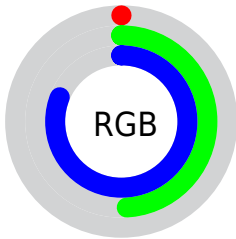
Format	Color
RYB	0, 78, 206
Decimal	32206
CIELab	50.83, 1.57, -49.75
CIELCh	51, 49.772, 271.802
Yxy	19.1235, 0.1872, 0.1937
Android (android.graphics.Color)	4278222286 (0xFF007DCE)
YUV	96.8590, 53.8065, -84.9453
Hunter-Lab	43.7304, -1.1196, -52.2422

Details

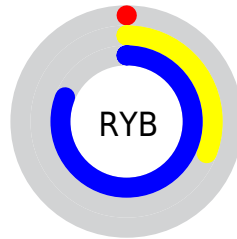
The Hex color **007DCE** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CE5100**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **63B1FF**, and **004D97** is the 20% darker color. If you saturate the color by 10%, you get **007DCE**, and if you desaturate by 10%, it is **1585CE**.

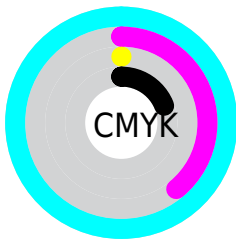
Distribution



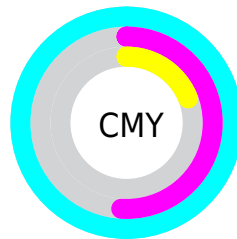
- Red (0%)
- Green (49%)
- Blue (81%)



- Red (0%)
- Yellow (31%)
- Blue (81%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007DCE 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 007DCE by changing the saturation by 10% instead.

 007DCE

 007DCE

FFFFFF

 0064B2

 63B1FF

 004D97

 83CCFF

 00377D

 A2E8FF

 002263

 C1FFFF

 000B4B

 DFFFFFF

 000433

FEFFFF

 00021D

 000000

 007DCE

 1585CE

 298DCE

 3E95CE

 529DCE

 67A6CE

 7CAECE

 90B6CE

 A5BECE

 B9C6CE

Harmonies

Analogous

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



0088C3



007DCE



7D6DC2

Triad

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



007DCE



C3584F



1D8A4F

Complementary

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



007DCE



CE5100

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.



62832B



007DCE



AF682D

Square

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



007DCE



C55178



8D781C



008D7A

Rectangle

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



007DCE



A161AE



8D781C



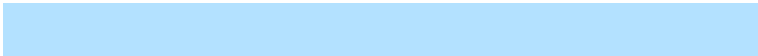
3C8942

Sweetspot

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



007DCE



B3E1FF



00CE4F



526D80



000000



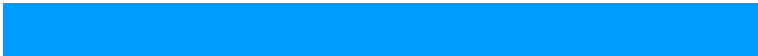
808080

Same Dimension

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



007DCE



009BFF



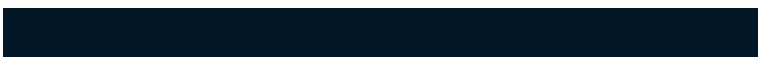
0018CE



5C6266



0065A6



001726

Inverse Universe

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



CE007D



FF009B



CEB600



665C62



A60065



260017

Previews

White Background



This preview shows how the Hex color 007DCE looks on a white background.

Color Contrast Check

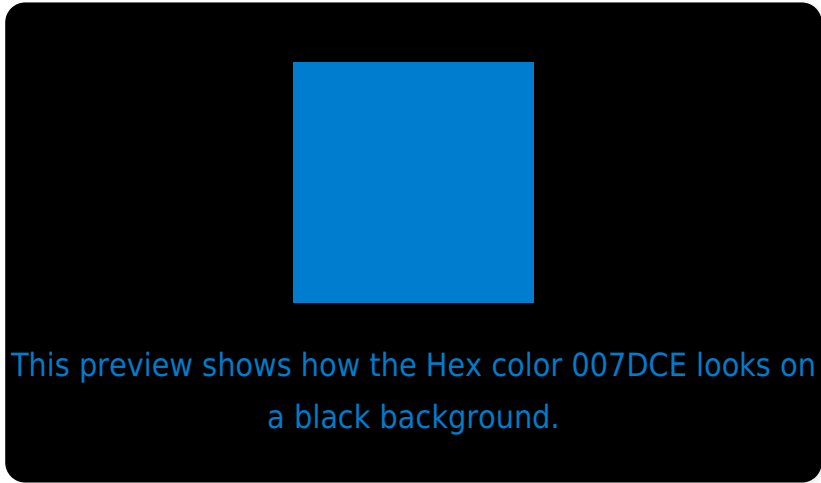
Large Text (above 18pt) WCAG AA ✓ Pass

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

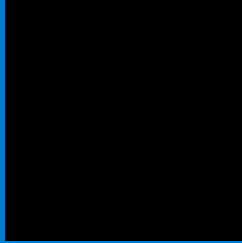
Any Text WCAG AA ✓ Pass

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 007DCE Background



This preview shows how black text looks on a background with the Hex color 007DCE.



This preview shows how white text looks on a background with the Hex color 007DCE.

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](#).

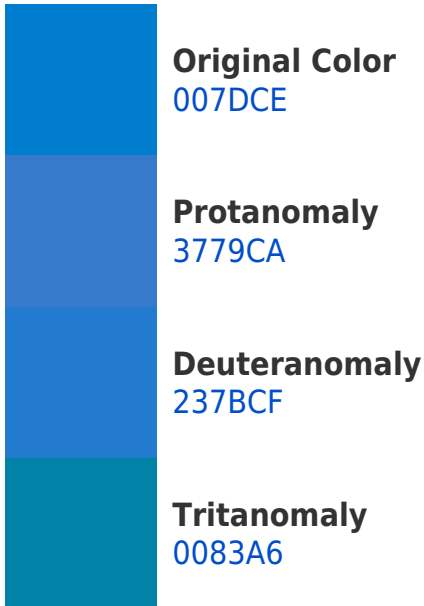
Dichromacy





Tritanopia
00868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007DCE 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 #007DCE looks like.

```
.text, #text, p{  
    color:#007DCE  
}
```

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 #007DCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007DCE
}
```

Border

The CSS property to change the border of an element to Hex 007DCE 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
#007DCE }
```

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

```
.border{ border-color:#007DCE }
```

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

Here you see how a box with a 4 pixel #007DCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007DCE; -webkit-box-shadow:4px 4px  
4px 4px #007DCE; box-shadow:4px 4px 4px  
4px #007DCE }
```

Background

The CSS property to change the background color of an element to Hex 007DCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007DCE }
```

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

```
.background{ background-color:#007DCE }
```

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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