

Converting Colors

Hex(007DE3)

Have a look what the booklet for
Hex(007DE3) contains.

Hex(007DE3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(007DE3)

Conversions

Conversions Part 1

Format	Color
Hex	007DE3
RGB	0, 125, 227
RGB Percent	0%, 49%, 89%
CMY	1.0000, 0.5098, 0.1098
CMYK	1.00, 0.45, 0.00, 0.11
HSL	207°, 100%, 45%
HSV	207°, 100%, 89%
XYZ	21.1987, 20.2133, 75.4573
YIQ	99.2530, -107.2420, 5.2220

Conversions

Conversions Part 2

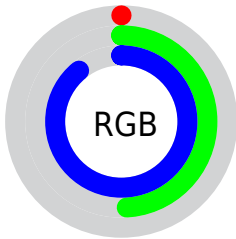
Format	Color
RYB	0, 81, 227
Decimal	32227
CIELab	52.08, 9.78, -59.61
CIELCh	52, 60.411, 279.321
Yxy	20.2133, 0.1814, 0.1730
Android (android.graphics.Color)	4278222307 (0xFF007DE3)
YUV	99.2530, 62.9793, -87.0449
Hunter-Lab	44.9592, 5.4861, -68.0380

Details

The Hex color **007DE3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E36600**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **69B1FF**, and **004DAB** is the 20% darker color. If you saturate the color by 10%, you get **007DE3**, and if you desaturate by 10%, it is **1787E3**.

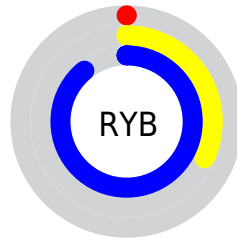
Distribution



Red (0%)

Green (49%)

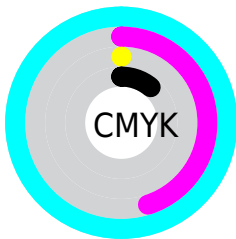
Blue (89%)



Red (0%)

Yellow (32%)

Blue (89%)

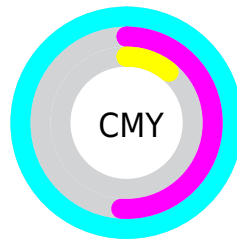


Cyan (100%)

Magenta (45%)

Yellow (0%)

Black (11%)



Cyan (100%)

Magenta (51%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007DE3 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 007DE3 by changing the saturation by 10% instead.

007DE3

007DE3

FFFFFF

0064C7

69B1FF

004DAB

8ACCFE

003790

A9E8FF

002475

C9FFFF

000D5C

E8FFFF

000744

00032C

000117

000000

■ 007DE3

■ 1787E3

■ 2D91E3

■ 449CE3

■ 5BA6E3

■ 72B0E3

■ 88BAE3

■ 9FC4E3

■ B6CFE3

■ CCD9E3

Harmonies

Analogous

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



008CDD



007DE3



9267CD

Triad

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



007DE3



CF563D



009255

Complementary

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



007DE3



E36600

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.



4D8B23



007DE3



B26C0E

Square

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



007DE3



D8466E



867F00



00948B

Rectangle

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



007DE3



B956B2



867F00



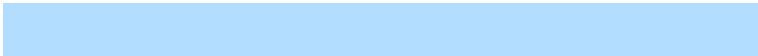
009044

Sweetspot

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



007DE3



B3DDFF



00E362



526B80



000000



808080

Same Dimension

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



007DE3



008CFF



000FE3



676E73



0062B3



001C33

Inverse Universe

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



E3007D



FF008C



E3D400



73676E



B30062



33001C

Previews

White Background



This preview shows how the Hex color 007DE3 looks on a white background.

Color Contrast Check

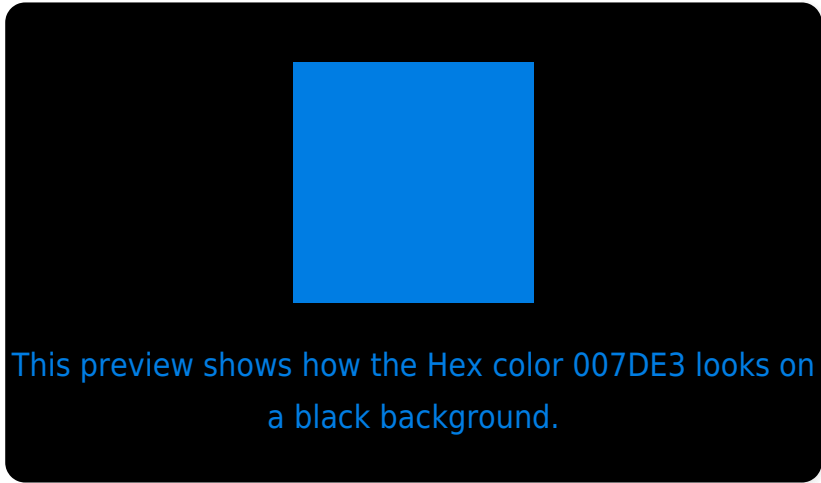
Large Text (above 18pt) WCAG AA ✓ Pass

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

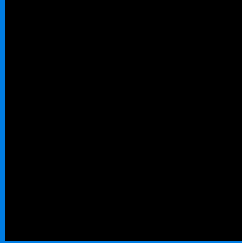
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

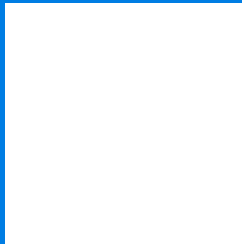
Any Text WCAG AAA × Fail

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

Hex 007DE3 Background



This preview shows how black text looks on a background with the Hex color 007DE3.



This preview shows how white text looks on a background with the Hex color 007DE3.

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



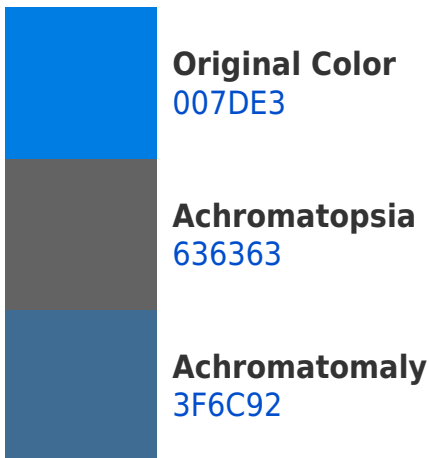


Tritanopia
008993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007DE3 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 #007DE3 looks like.

```
.text, #text, p{  
    color:#007DE3  
}
```

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 #007DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007DE3
}
```

Border

The CSS property to change the border of an element to Hex 007DE3 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
#007DE3 }
```

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

```
.border{ border-color:#007DE3 }
```

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

Here you see how a box with a 4 pixel #007DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007DE3; -webkit-box-shadow:4px 4px  
4px 4px #007DE3; box-shadow:4px 4px 4px  
4px #007DE3 }
```

Background

The CSS property to change the background color of an element to Hex 007DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007DE3 }
```

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

```
.background{ background-color:#007DE3 }
```

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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