

Converting Colors

Hex(086DD1)

Have a look what the booklet for
Hex(086DD1) contains.

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Color

Hex(086DD1)

Conversions

Conversions Part 1

Format	Color
Hex	086DD1
RGB	8, 109, 209
RGB Percent	3%, 43%, 82%
CMY	0.9686, 0.5725, 0.1804
CMYK	0.96, 0.48, 0.00, 0.18
HSL	210°, 93%, 43%
HSV	210°, 96%, 82%
XYZ	17.0774, 15.5924, 62.4311
YIQ	90.2010, -92.2960, 9.6880

Conversions

Conversions Part 2

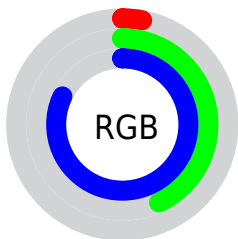
Format	Color
RYB	8, 75, 209
Decimal	552401
CIELab	46.44, 13.02, -58.51
CIELCh	46, 59.939, 282.549
Yxy	15.5924, 0.1796, 0.1640
Android (android.graphics.Color)	4278742481 (0xFF086DD1)
YUV	90.2010, 58.5679, -72.0903
Hunter-Lab	39.4872, 8.0952, -66.0994

Details

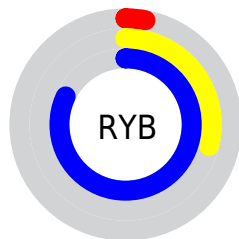
The Hex color **086DD1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D16C08**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **66A0FF**, and **003F9A** is the 20% darker color. If you saturate the color by 10%, you get **0069D1**, and if you desaturate by 10%, it is **1D77D1**.

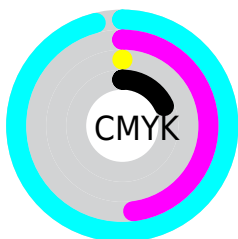
Distribution



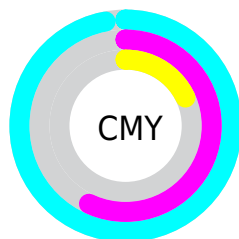
- Red (3%)
- Green (43%)
- Blue (82%)



- Red (3%)
- Yellow (29%)
- Blue (82%)



- Cyan (96%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (97%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 086DD1 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 086DD1 by changing the saturation by 10% instead.

086DD1

086DD1

FFFFFF

0055B5

66A0FF

003F9A

86BBFF

002A7F

A4D6FF

001765

C3F2FF

000A4D

E2FFFF

000535

00021F

000002

000000

■ 086DD1

■ 086DD1

■ 0069D1

■ 1D77D1

■ 3282D1

■ 478CD1

■ 5C97D1

■ 71A1D1

■ 85ABD1

■ 9AB6D1

■ AFC0D1

■ C4CBD1

Harmonies

Analogous

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



007CCE



086DD1



8A56B9

Triad

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



086DD1



BB4A2C



00834E

Complementary

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



086DD1



D16C08

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.



367D1A



086DD1



9C6100

Square

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



086DD1



C7375B



717200



008582

Rectangle

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



086DD1



AD459D



717200



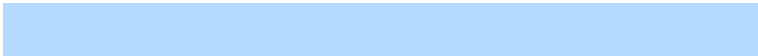
00813D

Sweetspot

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



086DD1



B5DAFF



08D169



536980



000000



808080

Same Dimension

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



086DD1



0080FF



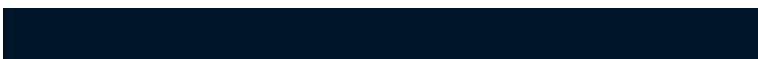
080BD1



5E6369



0055A8



001529

Inverse Universe

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



D1086D



FF0080



D1CE08



695E63



A80055



290015

Previews

White Background



This preview shows how the Hex color 086DD1 looks on a white 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

Black Background



This preview shows how the Hex color 086DD1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

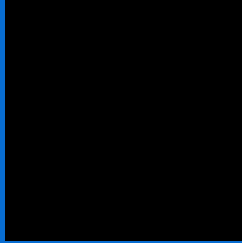
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

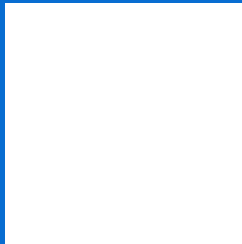
Any Text WCAG AAA × Fail

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

Hex 086DD1 Background



This preview shows how black text looks on a background with the Hex color 086DD1.



This preview shows how white text looks on a background with the Hex color 086DD1.

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



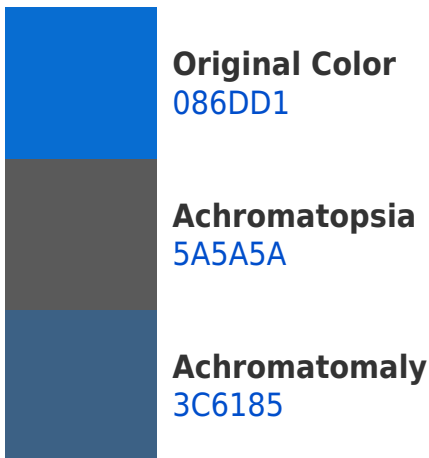


Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 086DD1 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 #086DD1 looks like.

```
.text, #text, p{  
    color:#086DD1  
}
```

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 #086DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #086DD1
}
```

Border

The CSS property to change the border of an element to Hex 086DD1 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
#086DD1 }
```

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

```
.border{ border-color:#086DD1 }
```

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

Here you see how a box with a 4 pixel #086DD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #086DD1; -webkit-box-shadow:4px 4px  
4px 4px #086DD1; box-shadow:4px 4px 4px  
4px #086DD1 }
```

Background

The CSS property to change the background color of an element to Hex 086DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#086DD1 }
```

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

```
.background{ background-color:#086DD1 }
```

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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