

# Converting Colors

Hex(036DBE)

Have a look what the booklet for  
Hex(036DBE) contains.

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# Color

**Hex(036DBE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	036DBE
RGB	3, 109, 190
RGB Percent	1%, 43%, 75%
CMY	0.9882, 0.5725, 0.2549
CMYK	0.98, 0.43, 0.00, 0.25
HSL	206°, 97%, 38%
HSV	206°, 98%, 75%
XYZ	14.8005, 14.6743, 50.7676
YIQ	86.5400, -89.1770, 2.7190

# Conversions

## Conversions Part 2

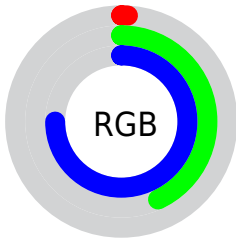
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	3, 71, 190
Decimal	224702
CIE Lab	45.18, 5.27, -49.59
CIE LCh	45, 49.874, 276.065
Yxy	14.6743, 0.1844, 0.1829
Android (android.graphics.Color)	4278414782 (0xFF036DBE)
YUV	86.5400, 51.0058, -73.2646
Hunter-Lab	38.3071, 1.9284, -51.7608

# Details

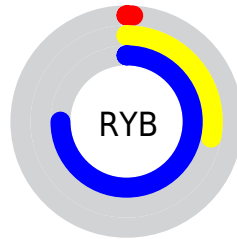
The Hex color **036DBE** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BE5403**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5FA0F7**, and **003E88** is the 20% darker color. If you saturate the color by 10%, you get **006CBE**, and if you desaturate by 10%, it is **1675BE**.

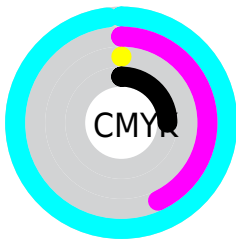
# Distribution



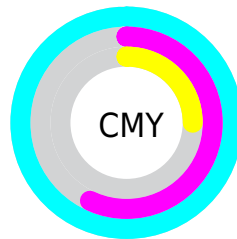
- Red (1%)
- Green (43%)
- Blue (75%)



- Red (1%)
- Yellow (28%)
- Blue (75%)



- Cyan (98%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (99%)
- Magenta (57%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 036DBE 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 036DBE by changing the saturation by 10% instead.



036DBE

036DBE

FFFFFF

0055A3

5FA0F7

003E88

7EBBFF

00296E

9DD6FF

001655

BBF3FF

00063D

D9FFFF

000326

F7FFFF

000110

000000

036DBE

036DBE

■ 006CBE

■ 1675BE

■ 297DBE

■ 3C86BE

■ 4F8EBE

■ 6296BE

■ 759EBE

■ 88A7BE

■ 9BAFBE

■ AEB7BE

# Harmonies

## Analogous

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



0078B7



036DBE



775CAF

# Triad

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



036DBE



B14B3C



007C47

# Complementary

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



036DBE



BE5403

# 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.



4C7621



036DBE



9A5C1B

# Square

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



036DBE



B54264



786C08



007F72

# Rectangle

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



036DBE



98509A



786C08



1F7B3A

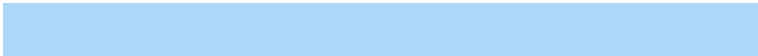


# Sweetspot

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



036DBE



ADD7F7



03BE51



50697D



FCFCFC



7D7D7D



# Same Dimension

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



036DBE



008CF7



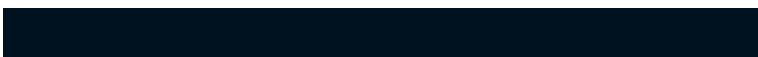
0313BE



555A5E



005A9E



00111F



# Inverse Universe

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



BE036D



F7008C



BEAE03



5E555A



9E005A



1F0011



# Previews

## White Background



This preview shows how the Hex color 036DBE looks on a white background.

## Color Contrast Check

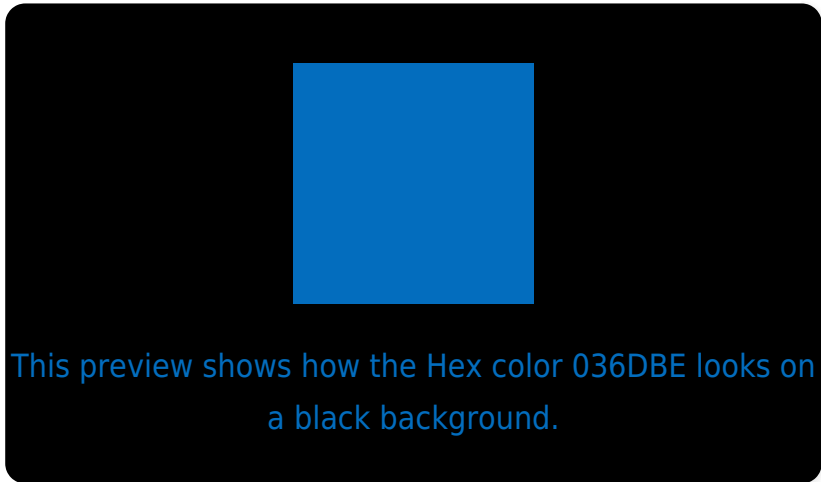
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

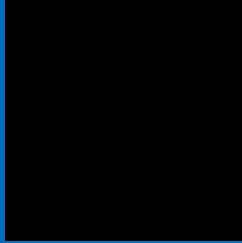
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 036DBE Background



This preview shows how black text looks on a background with the Hex color 036DBE.



This preview shows how white text looks on a background with the Hex color 036DBE.

# 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**  
00777F

# Trichromacy



**Original Color**  
036DBE

**Protanomaly**  
2E6ABB

**Deuteranomaly**  
126CBE

**Tritanomaly**  
017396

# Monochromacy



**Original Color**  
036DBE

**Achromatopsia**  
575757

**Achromatomaly**  
385F7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 036DBE 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 #036DBE looks like.

```
.text, #text, p{  
    color:#036DBE  
}
```

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 #036DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036DBE
}
```

## Border

The CSS property to change the border of an element to Hex 036DBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

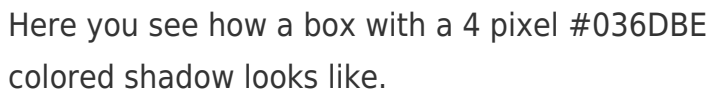
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#036DBE }
```

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

```
.border{ border-color:#036DBE }
```

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The text inside the box is "Here you see how a box with a 4 pixel #036DBE colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #036DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036DBE; -webkit-box-shadow:4px 4px  
4px 4px #036DBE; box-shadow:4px 4px 4px  
4px #036DBE }
```

# Background

The CSS property to change the background color of an element to Hex 036DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036DBE }
```

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

```
.background{ background-color:#036DBE }
```

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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