

# Converting Colors

Hex(0D64B4)

Have a look what the booklet for  
Hex(0D64B4) contains.

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# Color

**Hex(0D64B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D64B4
RGB	13, 100, 180
RGB Percent	5%, 39%, 71%
CMY	0.9490, 0.6078, 0.2941
CMYK	0.93, 0.44, 0.00, 0.29
HSL	209°, 87%, 38%
HSV	209°, 93%, 71%
XYZ	12.9614, 12.4952, 44.9087
YIQ	83.1070, -77.5320, 6.4360

# Conversions

## Conversions Part 2

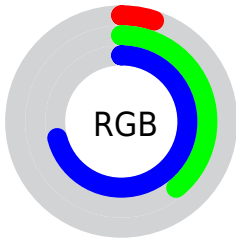
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 70, 180
Decimal	877748
CIE <sub>Lab</sub>	41.99, 7.39, -48.89
CIE <sub>LCh</sub>	42, 49.443, 278.598
Yxy	12.4952, 0.1842, 0.1776
Android (android.graphics.Color)	4279067828 (0xFF0D64B4)
YUV	83.1070, 47.7682, -61.4838
Hunter-Lab	35.3485, 3.5912, -50.5812

# Details

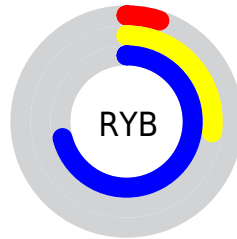
The Hex color **0D64B4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B45D0D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5F96EC**, and **00367E** is the 20% darker color. If you saturate the color by 10%, you get **005EB4**, and if you desaturate by 10%, it is **1F6DB4**.

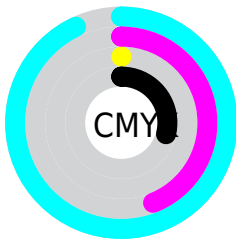
# Distribution



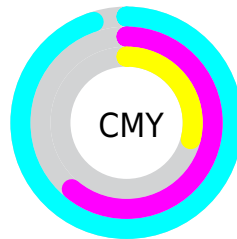
- Red (5%)
- Green (39%)
- Blue (71%)



- Red (5%)
- Yellow (27%)
- Blue (71%)



- Cyan (93%)
- Magenta (44%)
- Yellow (0%)
- Black (29%)



- Cyan (95%)
- Magenta (61%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D64B4 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 0D64B4 by changing the saturation by 10% instead.



0D64B4

0D64B4

FFFFFF

004D99

5F96EC

00367E

7DB1FF

002265

9BCCFF

000B4C

B9E8FF

000535

D7FFFF

00021F

F5FFFF

000001

000000

0D64B4

0D64B4

■ 005EB4

■ 1F6DB4

■ 3175B4

■ 437EB4

■ 5586B4

■ 678FB4

■ 7998B4

■ 8BA0B4

■ 9DA9B4

■ AFB2B4

# Harmonies

## Analogous

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



006FAF



0D64B4



7353A3

# Triad

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



0D64B4



A54532



007444

# Complementary

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



0D64B4



B45D0D

# 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.



406F1D



0D64B4



8E5610

# Square

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



0D64B4



AC3A59



6C6500



00766E

# Rectangle

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



0D64B4



92468E



6C6500



047336



# Sweetspot

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



0D64B4



A9CBEB



0DB45B



4D6275



F5F5F5



757575



# Same Dimension

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



0D64B4



007AEB



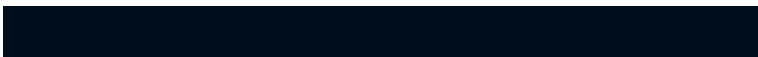
0D13B4



505559



005099



000D1A



# Inverse Universe

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



B40D64



EB007A



B4AE0D



595055



990050



1A000D



# Previews

## White Background



This preview shows how the Hex color 0D64B4 looks on a white background.

## Color Contrast Check

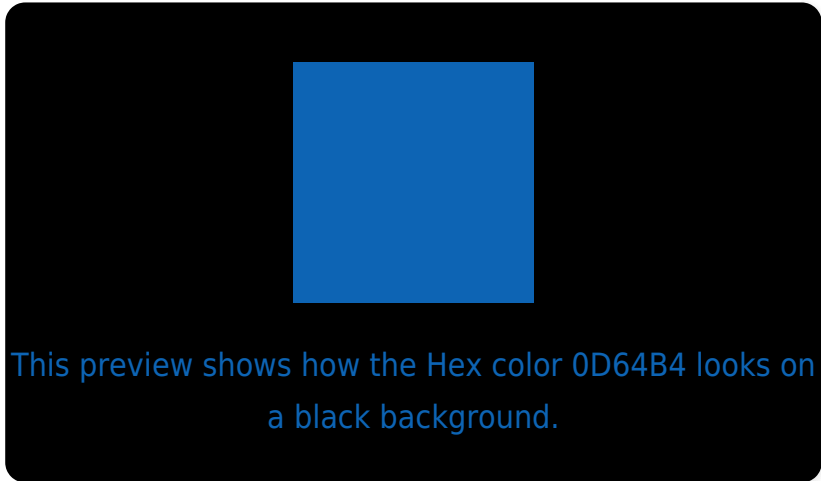
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D64B4 Background



This preview shows how black text looks on a background with the Hex color 0D64B4.



This preview shows how white text looks on a background with the Hex color 0D64B4.

# 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**  
006E75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D64B4 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 #0D64B4 looks like.

```
.text, #text, p{  
    color:#0D64B4  
}
```

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 #0D64B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D64B4
}
```

## Border

The CSS property to change the border of an element to Hex 0D64B4 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
#0D64B4 }
```

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

```
.border{ border-color:#0D64B4 }
```

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

Here you see how a box with a 4 pixel #0D64B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D64B4; -webkit-box-shadow:4px 4px  
4px 4px #0D64B4; box-shadow:4px 4px 4px  
4px #0D64B4 }
```

# Background

The CSS property to change the background color of an element to Hex 0D64B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D64B4 }
```

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

```
.background{ background-color:#0D64B4 }
```

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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