

Converting Colors

Hex(0D57B3)

Have a look what the booklet for
Hex(0D57B3) contains.

Hex(0D57B3)	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(0D57B3)

Conversions

Conversions Part 1

Format	Color
Hex	0D57B3
RGB	13, 87, 179
RGB Percent	5%, 34%, 70%
CMY	0.9490, 0.6588, 0.2980
CMYK	0.93, 0.51, 0.00, 0.30
HSL	213°, 86%, 38%
HSV	213°, 93%, 70%
XYZ	11.7109, 10.1566, 43.9910
YIQ	75.3620, -73.6360, 12.9240

Conversions

Conversions Part 2

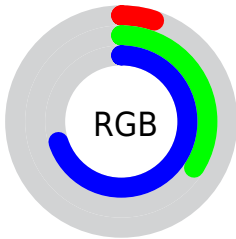
Format	Color
R_{YB}	13, 64, 179
Decimal	874419
CIE _{Lab}	38.12, 15.52, -54.54
CIE _{LCh}	38, 56.704, 285.881
Yxy	10.1566, 0.1778, 0.1542
Android (android.graphics.Color)	4279064499 (0xFF0D57B3)
YUV	75.3620, 51.0935, -54.6915
Hunter-Lab	31.8695, 9.8206, -59.5323

Details

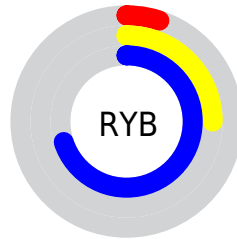
The Hex color **0D57B3** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B3690D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5F88EC**, and **002B7D** is the 20% darker color. If you saturate the color by 10%, you get **0050B3**, and if you desaturate by 10%, it is **1F61B3**.

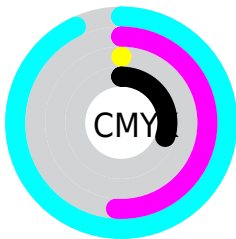
Distribution



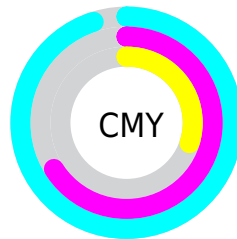
- Red (5%)
- Green (34%)
- Blue (70%)



- Red (5%)
- Yellow (25%)
- Blue (70%)



- Cyan (93%)
- Magenta (51%)
- Yellow (0%)
- Black (30%)



- Cyan (95%)
- Magenta (66%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D57B3 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 0D57B3 by changing the saturation by 10% instead.

■ 0D57B3

■ 0D57B3

FFFFFF

■ 004098

■ 5F88EC

■ 002B7D

■ 7DA2FF

■ 001864

■ 9BBDFE

■ 00034B

■ B9D9FF

■ 000433

■ D7F5FF

■ 00021D

■ F5FFFF

■ 000000

■ 0D57B3

■ 0D57B3

■ 0050B3

■ 1F61B3

 316BB3

 4375B3

 557FB3

 6789B3

 7893B3

 8A9CB3

 9CA6B3

 AEB0B3

Harmonies

Analogous

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



0065B3



0D57B3



79419A

Triad

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



0D57B3



9C3A17



006D42

Complementary

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



0D57B3



B3690D

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.



18680F



0D57B3



7F5000

Square

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



0D57B3



AA2444



575F00



006E72

Rectangle

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



0D57B3



972F80



575F00



006B32

Sweetspot

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



0D57B3



A7C4E8



0DB368



4D5F75



F5F5F5



757575

Same Dimension

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



0D57B3



0067E8



150DB3



505459



004499



000B1A

Inverse Universe

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



B30D57



E80067



ABB30D



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 0D57B3 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

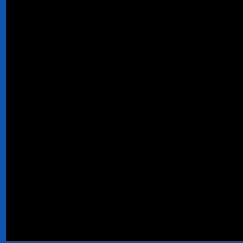
Any Text WCAG AA × Fail

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 0D57B3 Background



This preview shows how black text looks on a background with the Hex color 0D57B3.



This preview shows how white text looks on a background with the Hex color 0D57B3.

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
00636A

Trichromacy



Original Color
0D57B3

Protanomaly
1756B2

Deuteranomaly
055AA6

Tritanomaly
055F85

Monochromacy



Original Color
0D57B3

Achromatopsia
4B4B4B

Achromatomaly
344F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D57B3 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 #0D57B3 looks like.

```
.text, #text, p{  
    color:#0D57B3  
}
```

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 #0D57B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D57B3
}
```

Border

The CSS property to change the border of an element to Hex 0D57B3 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
#0D57B3 }
```

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

```
.border{ border-color:#0D57B3 }
```

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

Here you see how a box with a 4 pixel #0D57B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D57B3; -webkit-box-shadow:4px 4px  
4px 4px #0D57B3; box-shadow:4px 4px 4px  
4px #0D57B3 }
```

Background

The CSS property to change the background color of an element to Hex 0D57B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D57B3 }
```

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

```
.background{ background-color:#0D57B3 }
```

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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