

Converting Colors

Hex(0963B2)

Have a look what the booklet for
Hex(0963B2) contains.

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Color

Hex(0963B2)

Conversions

Conversions Part 1

Format	Color
Hex	0963B2
RGB	9, 99, 178
RGB Percent	4%, 39%, 70%
CMY	0.9647, 0.6118, 0.3020
CMYK	0.95, 0.44, 0.00, 0.30
HSL	208°, 90%, 37%
HSV	208°, 95%, 70%
XYZ	12.6104, 12.1961, 43.8089
YIQ	81.0960, -78.9990, 5.4890

Conversions

Conversions Part 2

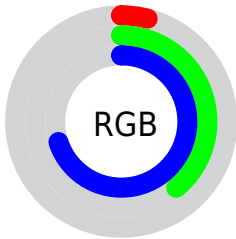
Format	Color
R_{YB}	9, 68, 178
Decimal	615346
CIE Lab	41.53, 7.06, -48.47
CIE LCh	42, 48.977, 278.286
Yxy	12.1961, 0.1838, 0.1777
Android (android.graphics.Color)	4278805426 (0xFF0963B2)
YUV	81.0960, 47.7737, -63.2282
Hunter-Lab	34.9229, 3.3397, -49.9300

Details

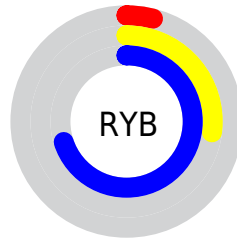
The Hex color **0963B2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B25809**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5D95EA**, and **00367D** is the 20% darker color. If you saturate the color by 10%, you get **005FB2**, and if you desaturate by 10%, it is **1B6BB2**.

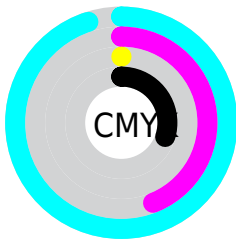
Distribution



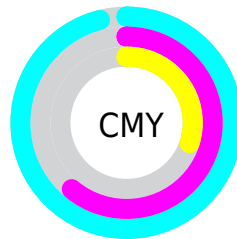
- Red (4%)
- Green (39%)
- Blue (70%)



- Red (4%)
- Yellow (27%)
- Blue (70%)



- Cyan (95%)
- Magenta (44%)
- Yellow (0%)
- Black (30%)



- Cyan (96%)
- Magenta (61%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0963B2 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 0963B2 by changing the saturation by 10% instead.

■ 0963B2

■ 0963B2

FFFFFF

■ 004C97

■ 5D95EA

■ 00367D

■ 7CB0FF

■ 002163

■ 9ACBFF

■ 00094B

■ B7E7FF

■ 000433

■ D5FFFF

■ 00021D

■ F3FFFF

■ 000000

■ 0963B2

■ 0963B2

■ 005FB2

■ 1B6BB2

■ 2D74B2

■ 3E7CB2

■ 5084B2

■ 628DB2

■ 7495B2

■ 869DB2

■ 97A6B2

■ A9AEB2

Harmonies

Analogous

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



006EAD



0963B2



7252A2

Triad

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



0963B2



A44432



007342

Complementary

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



0963B2



B25809

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.



406D1C



0963B2



8D5510

Square

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



0963B2



AA3958



6B6400



00756C

Rectangle

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



0963B2



90468D



6B6400



067135

Sweetspot

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



0963B2



A7CAE8



09B258



4D6375



F5F5F5



757575

Same Dimension

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



0963B2



007CE8



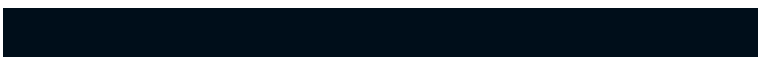
090FB2



505559



005199



000E1A

Inverse Universe

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



B20963



E8007C



B2AC09



595055



990051



1A000E

Previews

White Background



This preview shows how the Hex color 0963B2 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 0963B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

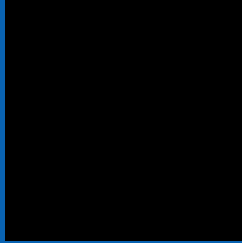
Any Text WCAG AA × Fail

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 0963B2 Background



This preview shows how black text looks on a background with the Hex color 0963B2.



This preview shows how white text looks on a background with the Hex color 0963B2.

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
006D74

Trichromacy



Original Color
0963B2

Protanomaly
2960AF

Deuteranomaly
0363B1

Tritanomaly
03698B

Monochromacy



Original Color
0963B2

Achromatopsia
515151

Achromatomaly
375874

CSS Examples

Text

The CSS property to change the color of the text to Hex 0963B2 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 #0963B2 looks like.

```
.text, #text, p{  
    color:#0963B2  
}
```

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 #0963B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0963B2
}
```

Border

The CSS property to change the border of an element to Hex 0963B2 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
#0963B2 }
```

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

```
.border{ border-color:#0963B2 }
```

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

Here you see how a box with a 4 pixel #0963B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0963B2; -webkit-box-shadow:4px 4px  
4px 4px #0963B2; box-shadow:4px 4px 4px  
4px #0963B2 }
```

Background

The CSS property to change the background color of an element to Hex 0963B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0963B2 }
```

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

```
.background{ background-color:#0963B2 }
```

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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