

Converting Colors

Hex(0128B6)

Have a look what the booklet for
Hex(0128B6) contains.

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Color

Hex(0128B6)

Conversions

Conversions Part 1

Format	Color
Hex	0128B6
RGB	1, 40, 182
RGB Percent	0%, 16%, 71%
CMY	0.9961, 0.8431, 0.2863
CMYK	0.99, 0.78, 0.00, 0.29
HSL	227°, 99%, 36%
HSV	227°, 99%, 71%
XYZ	9.2148, 4.9014, 44.7164
YIQ	44.5270, -68.8260, 35.8940

Conversions

Conversions Part 2

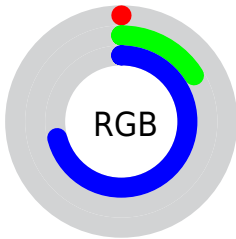
Format	Color
R _Y B	1, 33, 182
Decimal	75958
CIE Lab	26.45, 46.71, -75.47
CIE LCh	26, 88.755, 301.756
Yxy	4.9014, 0.1566, 0.0833
Android (android.graphics.Color)	4278266038 (0xFF0128B6)
YUV	44.5270, 67.7742, -38.1732
Hunter-Lab	22.1392, 35.5520, -104.2555

Details

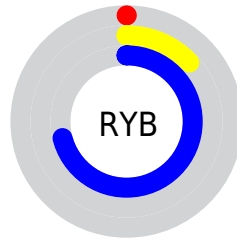
The Hex color **0128B6** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B68F01**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6157EF**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **0027B6**, and if you desaturate by 10%, it is **1336B6**.

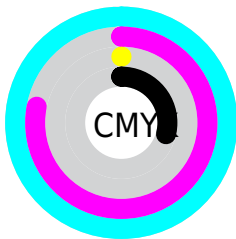
Distribution



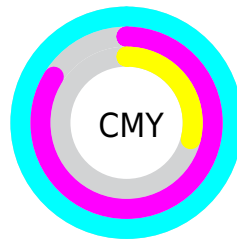
- Red (0%)
- Green (16%)
- Blue (71%)



- Red (0%)
- Yellow (13%)
- Blue (71%)



- Cyan (99%)
- Magenta (78%)
- Yellow (0%)
- Black (29%)




- Cyan (100%)
- Magenta (84%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0128B6 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 0128B6 by changing the saturation by 10% instead.

 0128B6

 0128B6


FFFFFF

 00129A

 6157EF

 00007F

 8170FF

 000065

 A08AFF

 00094C

 BEA4FF

 000535

 DDC0FF


 00021E

 FCD0FF

 000001

 FFF8FF

 000000

 0128B6

 0128B6

■ 0027B6

■ 1336B6

■ 2545B6

■ 3853B6

■ 4A61B6

■ 5C6FB6

■ 6E7EB6

■ 808CB6

■ 939AB6

■ A5A9B6

Harmonies

Analogous

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



004ACC



0128B6



8B0080

Triad

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



0128B6



7D1600



005441

Complementary

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



0128B6



B68F01

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.



005200



0128B6



4A3E00

Square

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



0128B6



A00000



004D00



005686

Rectangle

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



0128B6



A40054



004D00



005329

Sweetspot

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



0128B6



A6B5ED



01B68F



4D5678



F7F7F7



787878

Same Dimension

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



0128B6



0033ED



3401B6



53555C



00229C



00061C

Inverse Universe

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



B60128



ED0033



83B601



5C5355



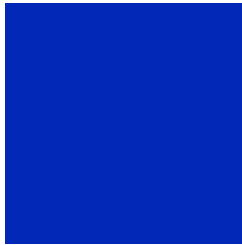
9C0022



1C0006

Previews

White Background



This preview shows how the Hex color 0128B6 looks on a white background.

Color Contrast Check

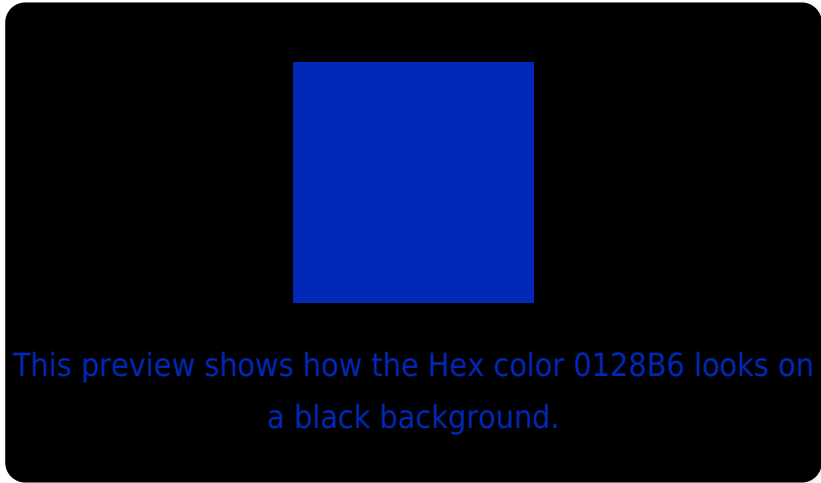
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

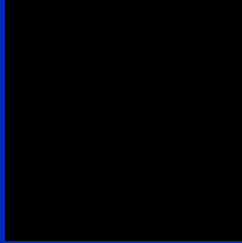
Any Text WCAG AA × Fail

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 0128B6 Background



This preview shows how black text looks on a background with the Hex color 0128B6.

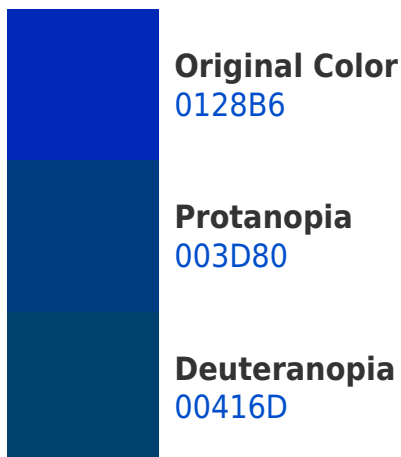



This preview shows how white text looks on a background with the Hex color 0128B6.

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
00464A

Trichromacy



Original Color
0128B6

Protanomaly
003594

Deuteranomaly
003888

Tritanomaly
003B71

Monochromacy



Original Color
0128B6

Achromatopsia
2D2D2D

Achromatomaly
1D2B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0128B6 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 #0128B6 looks like.

```
.text, #text, p{  
    color:#0128B6  
}
```

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 #0128B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0128B6
}
```

Border

The CSS property to change the border of an element to Hex 0128B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

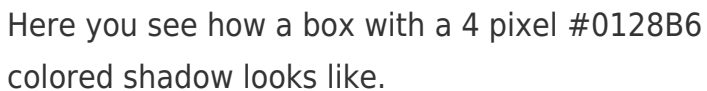
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0128B6 }
```

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

```
.border{ border-color:#0128B6 }
```

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



Here you see how a box with a 4 pixel #0128B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0128B6; -webkit-box-shadow:4px 4px  
4px 4px #0128B6; box-shadow:4px 4px 4px  
4px #0128B6 }
```

Background

The CSS property to change the background color of an element to Hex 0128B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0128B6 }
```

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

```
.background{ background-color:#0128B6 }
```

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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