

Converting Colors

Hex(1256B6)

Have a look what the booklet for
Hex(1256B6) contains.

Hex(1256B6)	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(1256B6)

Conversions

Conversions Part 1

Format	Color
Hex	1256B6
RGB	18, 86, 182
RGB Percent	7%, 34%, 71%
CMY	0.9294, 0.6627, 0.2863
CMYK	0.90, 0.53, 0.00, 0.29
HSL	215°, 82%, 39%
HSV	215°, 90%, 71%
XYZ	12.0207, 10.1616, 45.5838
YIQ	76.6120, -71.3440, 15.4400

Conversions

Conversions Part 2

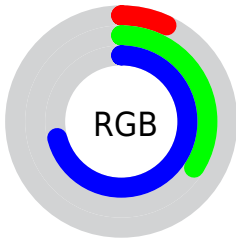
Format	Color
R_{YB}	18, 66, 182
Decimal	1201846
CIE _{Lab}	38.13, 17.65, -56.29
CIE _{LCh}	38, 58.991, 287.414
Yxy	10.1616, 0.1774, 0.1500
Android (android.graphics.Color)	4279391926 (0xFF1256B6)
YUV	76.6120, 51.9563, -51.4027
Hunter-Lab	31.8772, 11.5263, -62.4694

Details

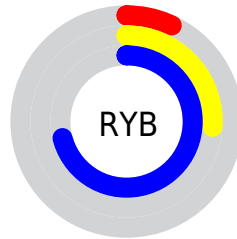
The Hex color **1256B6** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B67212**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6187EF**, and **002A80** is the 20% darker color. If you saturate the color by 10%, you get **004BB6**, and if you desaturate by 10%, it is **2461B6**.

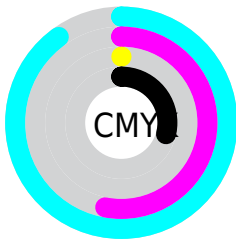
Distribution



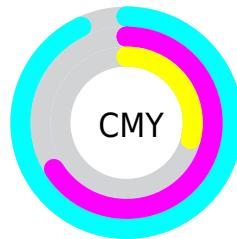
- Red (7%)
- Green (34%)
- Blue (71%)



- Red (7%)
- Yellow (26%)
- Blue (71%)



- Cyan (90%)
- Magenta (53%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (66%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1256B6 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 1256B6 by changing the saturation by 10% instead.

 1256B6

 1256B6

FFFFFF

 003F9B

 6187EF

 002A80

 80A1FF

 001866

 9EBCFF

 00024E

 BBD7FF

 000536

 D9F4FF

 000220

 F8FFFF

 000003

 000000

 1256B6

 1256B6

■ 004BB6

■ 2461B6

■ 366BB6

■ 4976B6

■ 5B81B6

■ 6D8BB6

■ 7F96B6

■ 91A1B6

■ A4ABB6

■ B6B6B6

Harmonies

Analogous

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



0065B8



1256B6



7D3E9B

Triad

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



1256B6



9D3911



006D43

Complementary

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



1256B6



B67212

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.



07690D



1256B6



7E5000

Square

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



1256B6



AC2040



546000



006F75

Rectangle

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



1256B6



9A2B7F



546000



006C32

Sweetspot

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



1256B6



ADC8ED



12B672



516178



F7F7F7



787878

Same Dimension

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



1256B6



0062ED



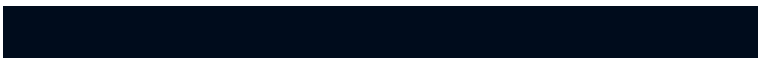
2012B6



53565C



00409C



000C1C

Inverse Universe

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



B61256



ED0062



A8B612



5C5356



9C0040



1C000C

Previews

White Background



This preview shows how the Hex color 1256B6 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 1256B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

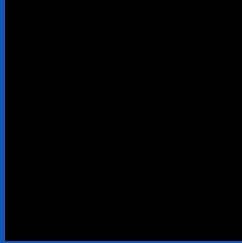
Any Text WCAG AA × Fail

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 1256B6 Background



This preview shows how black text looks on a background with the Hex color 1256B6.



This preview shows how white text looks on a background with the Hex color 1256B6.

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



Original Color

1256B6

Protanopia

0F56B6

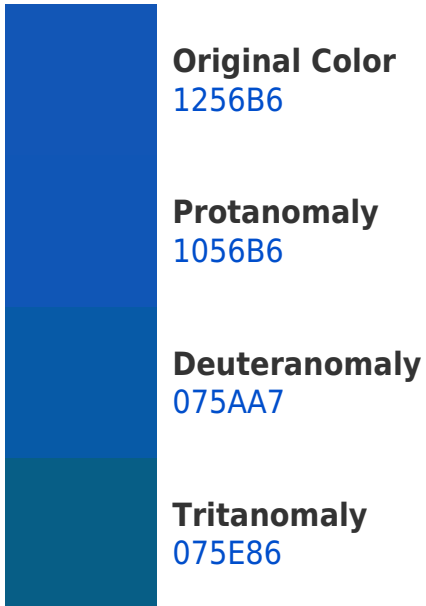
Deuteranopia

005C9E

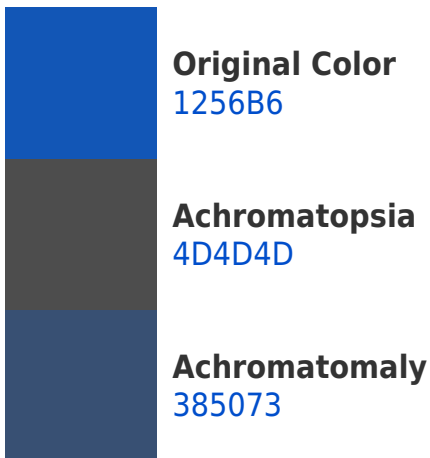


Tritanopia
00636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1256B6 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 #1256B6 looks like.

```
.text, #text, p{  
    color:#1256B6  
}
```

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 #1256B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1256B6
}
```

Border

The CSS property to change the border of an element to Hex 1256B6 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
#1256B6 }
```

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

```
.border{ border-color:#1256B6 }
```

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

Here you see how a box with a 4 pixel #1256B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1256B6; -webkit-box-shadow:4px 4px  
4px 4px #1256B6; box-shadow:4px 4px 4px  
4px #1256B6 }
```

Background

The CSS property to change the background color of an element to Hex 1256B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1256B6 }
```

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

```
.background{ background-color:#1256B6 }
```

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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