

Converting Colors

Hex(1D65B2)

Have a look what the booklet for
Hex(1D65B2) contains.

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Color

Hex(1D65B2)

Conversions

Conversions Part 1

Format	Color
Hex	1D65B2
RGB	29, 101, 178
RGB Percent	11%, 40%, 70%
CMY	0.8863, 0.6039, 0.3020
CMYK	0.84, 0.43, 0.00, 0.30
HSL	211°, 72%, 41%
HSV	211°, 84%, 70%
XYZ	13.1963, 12.7829, 43.8913
YIQ	88.2500, -67.6290, 8.6830

Conversions

Conversions Part 2

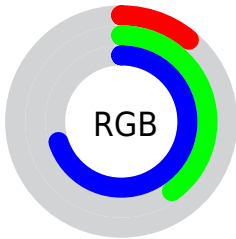
Format	Color
R_{YB}	29, 78, 178
Decimal	1926578
CIE _{Lab}	42.43, 7.03, -46.99
CIE _{LCh}	42, 47.516, 278.512
Yxy	12.7829, 0.1889, 0.1830
Android (android.graphics.Color)	4280116658 (0xFF1D65B2)
YUV	88.2500, 44.2467, -51.9622
Hunter-Lab	35.7532, 3.3149, -47.7583

Details

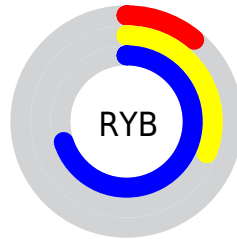
The Hex color **1D65B2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B26A1D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6497EA**, and **00377D** is the 20% darker color. If you saturate the color by 10%, you get **0B5CB2**, and if you desaturate by 10%, it is **2F6EB2**.

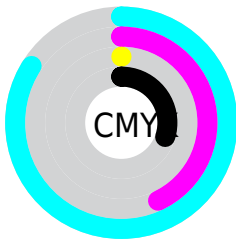
Distribution



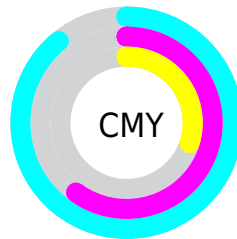
- Red (11%)
- Green (40%)
- Blue (70%)



- Red (11%)
- Yellow (31%)
- Blue (70%)



- Cyan (84%)
- Magenta (43%)
- Yellow (0%)
- Black (30%)



- Cyan (89%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D65B2 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 1D65B2 by changing the saturation by 10% instead.

■ 1D65B2

■ 1D65B2

FFFFFF

■ 004D97

■ 6497EA

■ 00377D

■ 82B2FF

■ 002363

■ 9FCDFE

■ 000C4B

■ BDE9FF

■ 000433

■ DAFFFF

■ 00021D

■ F8FFFF

■ 000000

■ 1D65B2

■ 1D65B2

■ 0B5CB2

■ 2F6EB2

0056B2

4177B2

5281B2

648AB2

7693B2

889CB2

9AA5B2

ABAFB2

BDB8B2

Harmonies

Analogous

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



0070AD



1D65B2



7455A2

Triad

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



1D65B2



A54735



007546

Complementary

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



1D65B2



B26A1D

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.



436F21



1D65B2



8E5816

Square

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



1D65B2



AB3E5B



6E6608



00776F

Rectangle

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



1D65B2



91498E



6E6608



137339

Sweetspot

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



1D65B2



AECAE8



1DB26A



526375



F5F5F5



757575

Same Dimension

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



1D65B2



0070E8



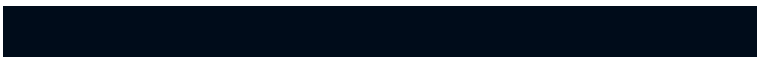
1F1DB2



505559



004A99



000C1A

Inverse Universe

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



B21D65



E80070



B0B21D



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color 1D65B2 looks on a white background.

Color Contrast Check

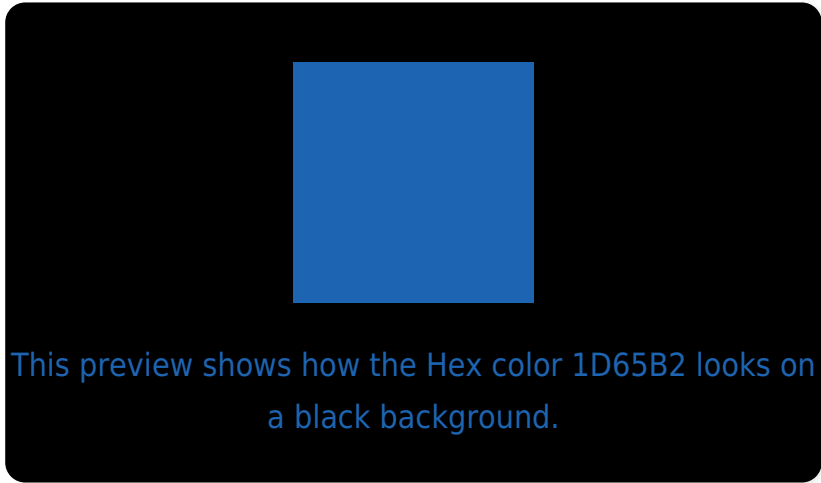
Large Text (above 18pt) WCAG AA ✓ Pass

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

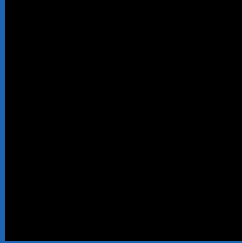
Any Text WCAG AA × Fail

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 1D65B2 Background



This preview shows how black text looks on a background with the Hex color 1D65B2.

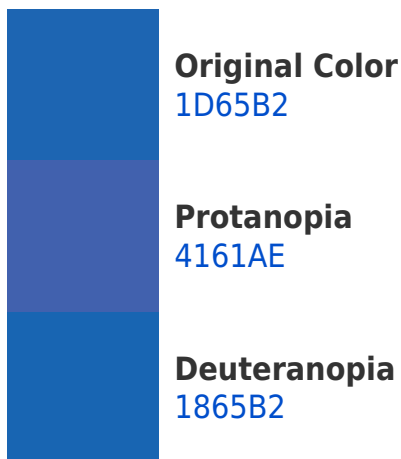


This preview shows how white text looks on a background with the Hex color 1D65B2.

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](#).

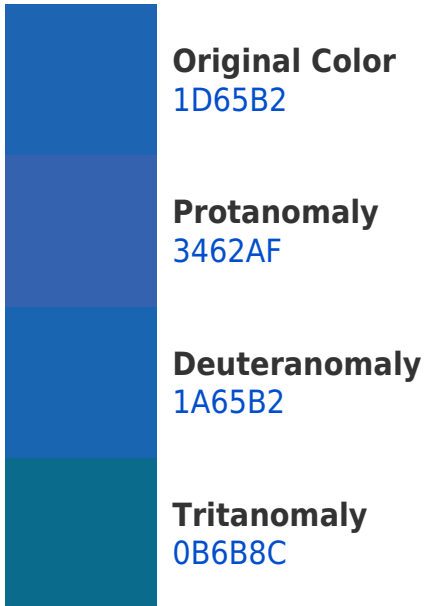
Dichromacy



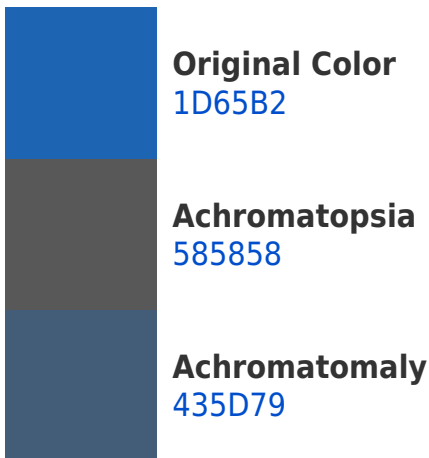


Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D65B2 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 #1D65B2 looks like.

```
.text, #text, p{  
    color:#1D65B2  
}
```

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 #1D65B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D65B2
}
```

Border

The CSS property to change the border of an element to Hex 1D65B2 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
#1D65B2 }
```

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

```
.border{ border-color:#1D65B2 }
```

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

Here you see how a box with a 4 pixel #1D65B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D65B2; -webkit-box-shadow:4px 4px  
4px 4px #1D65B2; box-shadow:4px 4px 4px  
4px #1D65B2 }
```

Background

The CSS property to change the background color of an element to Hex 1D65B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D65B2 }
```

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

```
.background{ background-color:#1D65B2 }
```

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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