

Converting Colors

Hex(1164B4)

Have a look what the booklet for
Hex(1164B4) contains.

Hex(1164B4)	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(1164B4)

Conversions

Conversions Part 1

Format	Color
Hex	1164B4
RGB	17, 100, 180
RGB Percent	7%, 39%, 71%
CMY	0.9333, 0.6078, 0.2941
CMYK	0.91, 0.44, 0.00, 0.29
HSL	209°, 83%, 39%
HSV	209°, 91%, 71%
XYZ	13.0266, 12.5288, 44.9117
YIQ	84.3030, -75.1480, 7.2840

Conversions

Conversions Part 2

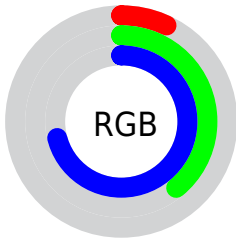
Format	Color
R_{YB}	17, 72, 180
Decimal	1139892
CIE _{Lab}	42.04, 7.60, -48.80
CIE _{LCh}	42, 49.389, 278.850
Yxy	12.5288, 0.1849, 0.1778
Android (android.graphics.Color)	4279329972 (0xFF1164B4)
YUV	84.3030, 47.1786, -59.0247
Hunter-Lab	35.3960, 3.7490, -50.4520

Details

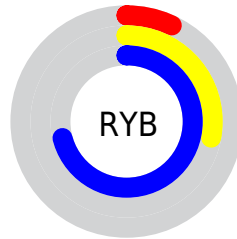
The Hex color **1164B4** is a dark color, and the websafe version is hex **0066CC**, and the color name is **green-blue**. A complement of this color would be **B46111**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6096EC**, and **00367E** is the 20% darker color. If you saturate the color by 10%, you get **005CB4**, and if you desaturate by 10%, it is **236DB4**.

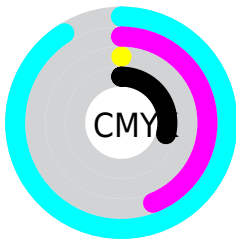
Distribution



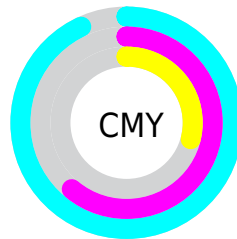
- Red (7%)
- Green (39%)
- Blue (71%)



- Red (7%)
- Yellow (28%)
- Blue (71%)



- Cyan (91%)
- Magenta (44%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1164B4 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 1164B4 by changing the saturation by 10% instead.

■ 1164B4

■ 1164B4

FFFFFF

■ 004D99

■ 6096EC

■ 00367E

■ 7EB1FF

■ 002265

■ 9CCCCF

■ 000B4C

■ BAE8FF

■ 000535

■ D8FFFF

■ 00021F

■ F6FFFF

■ 000001

■ 000000

■ 1164B4

■ 1164B4

005CB4

236DB4

3576B4

477FB4

5987B4

6B90B4

7D99B4

8FA2B4

A1ABB4

B3B4B4

Harmonies

Analogous

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



006FAF



1164B4



7453A3

Triad

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



1164B4



A54532



007444

Complementary

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



1164B4



B46111

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.



406F1D



1164B4



8E5610

Square

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



1164B4



AC3A59



6C6500



00766F

Rectangle

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



1164B4



92468E



6C6500



037337

Sweetspot

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



1164B4



ABCCEB



11B460



506375



F5F5F5



757575

Same Dimension

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



1164B4



0077EB



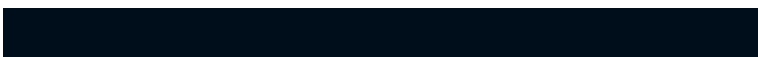
1114B4



505559



004E99



000D1A

Inverse Universe

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



B41164



EB0077



B4B111



595055



99004E



1A000D

Previews

White Background



This preview shows how the Hex color 1164B4 looks on a white background.

Color Contrast Check

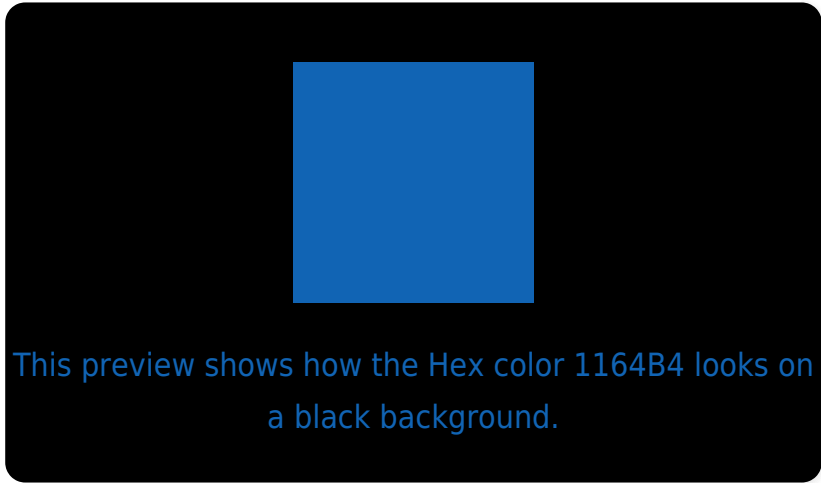
Large Text (above 18pt) WCAG AA ✓ Pass

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

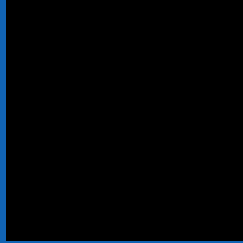
Any Text WCAG AA × Fail

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 1164B4 Background



This preview shows how black text looks on a background with the Hex color 1164B4.



This preview shows how white text looks on a background with the Hex color 1164B4.

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](#).

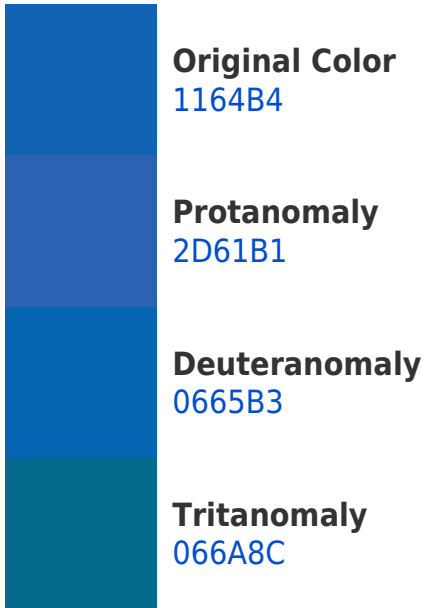
Dichromacy



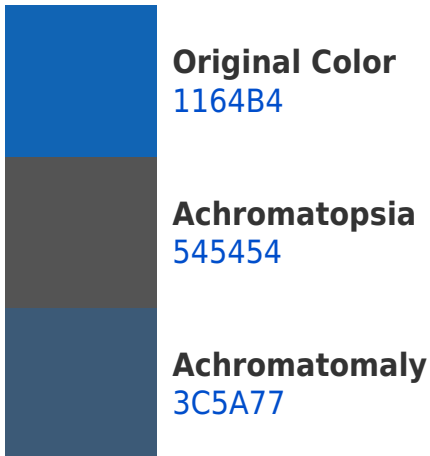


Tritanopia
006E75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1164B4 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 #1164B4 looks like.

```
.text, #text, p{  
    color:#1164B4  
}
```

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 #1164B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1164B4  
}
```

Border

The CSS property to change the border of an element to Hex 1164B4 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  
#1164B4 }
```

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

```
.border{ border-color:#1164B4 }
```

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

Here you see how a box with a 4 pixel #1164B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1164B4; -webkit-box-shadow:4px 4px  
4px 4px #1164B4; box-shadow:4px 4px 4px  
4px #1164B4 }
```

Background

The CSS property to change the background color of an element to Hex 1164B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1164B4 }
```

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

```
.background{ background-color:#1164B4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor