

Converting Colors

Hex(1259BE)

Have a look what the booklet for
Hex(1259BE) contains.

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Color

Hex(1259BE)

Conversions

Conversions Part 1

Format	Color
Hex	1259BE
RGB	18, 89, 190
RGB Percent	7%, 35%, 75%
CMY	0.9294, 0.6510, 0.2549
CMYK	0.91, 0.53, 0.00, 0.25
HSL	215°, 83%, 41%
HSV	215°, 91%, 75%
XYZ	13.1161, 10.9911, 50.1454
YIQ	79.2850, -74.7370, 16.3590

Conversions

Conversions Part 2

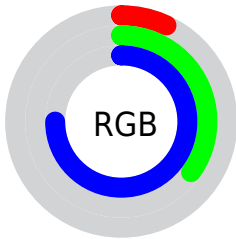
Format	Color
R_{YB}	18, 68, 190
Decimal	1202622
CIE _{Lab}	39.57, 18.87, -58.65
CIE _{LCh}	40, 61.609, 287.839
Yxy	10.9911, 0.1766, 0.1480
Android (android.graphics.Color)	4279392702 (0xFF1259BE)
YUV	79.2850, 54.5825, -53.7469
Hunter-Lab	33.1528, 12.6019, -66.4725

Details

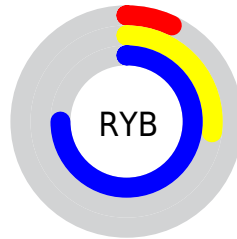
The Hex color **1259BE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BE7712**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **638AF7**, and **002D88** is the 20% darker color. If you saturate the color by 10%, you get **004EBE**, and if you desaturate by 10%, it is **2564BE**.

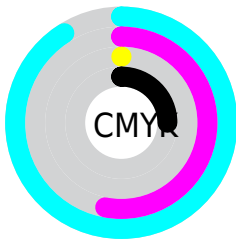
Distribution



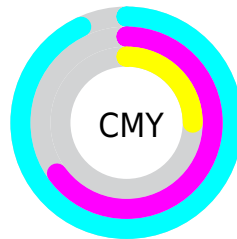
- Red (7%)
- Green (35%)
- Blue (75%)



- Red (7%)
- Yellow (27%)
- Blue (75%)



- Cyan (91%)
- Magenta (53%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (65%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1259BE 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 1259BE by changing the saturation by 10% instead.

 1259BE

 1259BE

FFFFFF

 0042A2


 638AF7

 002D88

 82A4FF

 001A6E

 A0BFFF

 000055

 BFDBFF

 00063C

 DDF7FF

 000226

 FBFFFF

 00010E

 000000

 1259BE

 1259BE

■ 004EBE

■ 2564BE

■ 386FBE

■ 4B7ABE

■ 5E86BE

■ 7191BE

■ 849CBE

■ 97A7BE

■ AAB2BE

■ BDBDBE

Harmonies

Analogous

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



0069C0



1259BE



833FA1

Triad

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



1259BE



A33B10



007246

Complementary

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



1259BE



BE7712

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.



006D0D



1259BE



825400

Square

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



1259BE



B31F42



566400



00737B

Rectangle

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



1259BE



A22A84



566400



007135

Sweetspot

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



1259BE



B5D0F7



12BE76



55657D



FCFCFC



7D7D7D

Same Dimension

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



1259BE



0066F7



2012BE



55595E



00419E



000D1F

Inverse Universe

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



BE1259



F70066



B0BE12



5E5559



9E0041



1F000D

Previews

White Background



This preview shows how the Hex color 1259BE looks on a white background.

Color Contrast Check

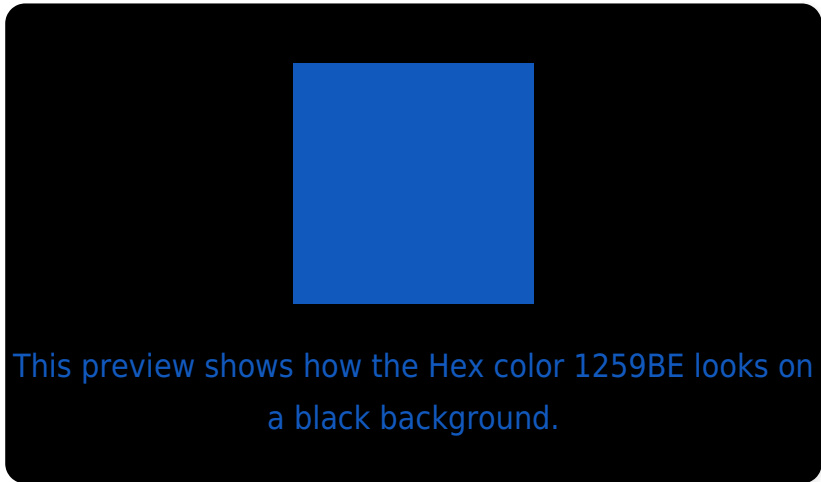
Large Text (above 18pt) WCAG AA ✓ Pass

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

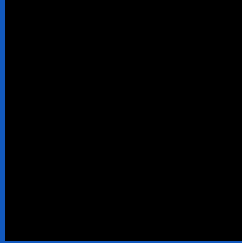
Any Text WCAG AA × Fail

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 1259BE Background



This preview shows how black text looks on a background with the Hex color 1259BE.

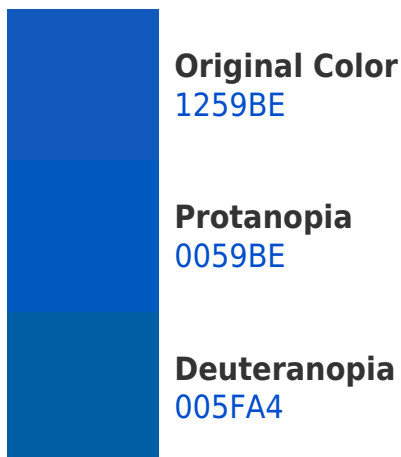


This preview shows how white text looks on a background with the Hex color 1259BE.

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
00676E

Trichromacy



Original Color
1259BE

Protanomaly
0759BE

Deuteranomaly
075DAD

Tritanomaly
07628B

Monochromacy



Original Color
1259BE

Achromatopsia
4F4F4F

Achromatomaly
395377

CSS Examples

Text

The CSS property to change the color of the text to Hex 1259BE 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 #1259BE looks like.

```
.text, #text, p{  
    color:#1259BE  
}
```

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 #1259BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1259BE
}
```

Border

The CSS property to change the border of an element to Hex 1259BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

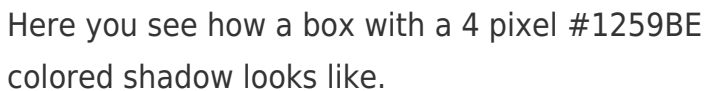
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1259BE }
```

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

```
.border{ border-color:#1259BE }
```

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



Here you see how a box with a 4 pixel #1259BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1259BE; -webkit-box-shadow:4px 4px  
4px 4px #1259BE; box-shadow:4px 4px 4px  
4px #1259BE }
```

Background

The CSS property to change the background color of an element to Hex 1259BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1259BE }
```

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

```
.background{ background-color:#1259BE }
```

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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