

Converting Colors

Hex(1B588D)

Have a look what the booklet for
Hex(1B588D) contains.

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Color

Hex(1B588D)

Conversions

Conversions Part 1

Format	Color
Hex	1B588D
RGB	27, 88, 141
RGB Percent	11%, 35%, 55%
CMY	0.8941, 0.6549, 0.4471
CMYK	0.81, 0.38, 0.00, 0.45
HSL	208°, 68%, 33%
HSV	208°, 81%, 55%
XYZ	8.7494, 9.1355, 26.5015
YIQ	75.8030, -53.3690, 3.5510

Conversions

Conversions Part 2

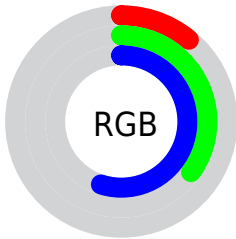
Format	Color
R_{YB}	27, 67, 141
Decimal	1792141
CIE Lab	36.24, 0.57, -34.80
CIE LCh	36, 34.801, 270.942
Yxy	9.1355, 0.1971, 0.2058
Android (android.graphics.Color)	4279982221 (0xFF1B588D)
YUV	75.8030, 32.1421, -42.8002
Hunter-Lab	30.2251, -1.2224, -30.8282

Details

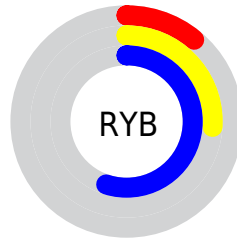
The Hex color **1B588D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D501B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5A8AC3**, and **002B5A** is the 20% darker color. If you saturate the color by 10%, you get **0D518D**, and if you desaturate by 10%, it is **295F8D**.

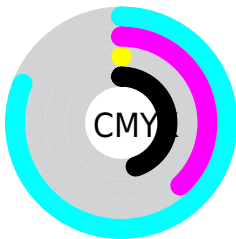
Distribution



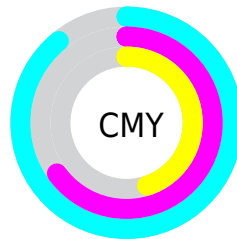
- Red (11%)
- Green (35%)
- Blue (55%)



- Red (11%)
- Yellow (26%)
- Blue (55%)



- Cyan (81%)
- Magenta (38%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B588D 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 1B588D by changing the saturation by 10% instead.

■ 1B588D

■ 1B588D

FFFFFF

■ 004173

■ 5A8AC3

■ 002B5A

■ 76A4DF

■ 001742

■ 92BFFC

■ 00032C

■ AFDAFF

■ 000116

■ CBF7FF

■ 000000

■ E9FFFF

■ 1B588D

■ 1B588D

■ 0D518D

■ 295F8D

■ 004B8D

■ 37658D

■ 456C8D

■ 53728D

■ 62798D

■ 707F8D

■ 7E868D

■ 8C8C8D

■ 9A938D

Harmonies

Analogous

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



005F86



1B588D



584E85

Triad

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



1B588D



87403A



216139

Complementary

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



1B588D



8D501B

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.



485C23



1B588D



7A4A24

Square

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



1B588D



873D56



64541A



006355

Rectangle

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



1B588D



6F4679



64541A



306031

Sweetspot

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



1B588D



8CA3B8



1B8D4E



414F5C



DBDBDB



5C5C5C

Same Dimension

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



1B588D



0665B8



1B218D



404447



004887



000408

Inverse Universe

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



8D1B58



B80665



8D871B



474044



870048



080004

Previews

White Background



This preview shows how the Hex color 1B588D looks on a white background.

Color Contrast Check

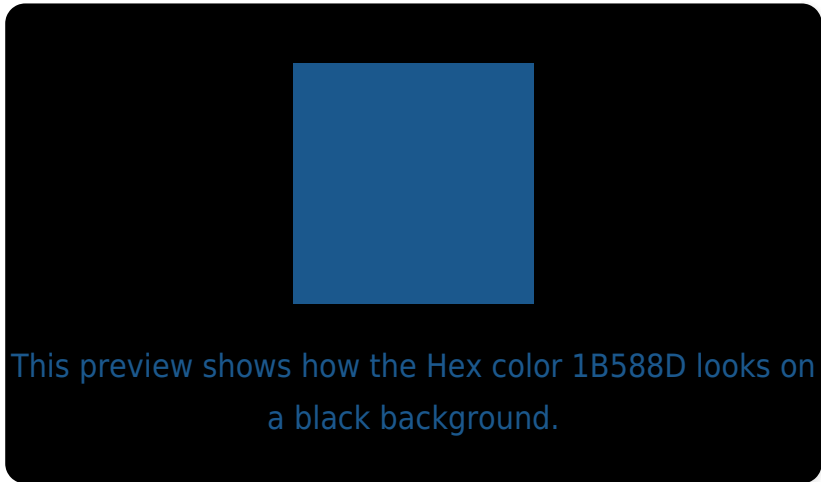
Large Text (above 18pt) WCAG AA ✓ Pass

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

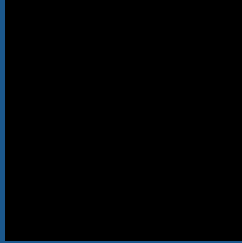
Any Text WCAG AA × Fail

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 1B588D Background



This preview shows how black text looks on a background with the Hex color 1B588D.



This preview shows how white text looks on a background with the Hex color 1B588D.

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
1B588D

Protanopia
405389

Deuteranopia
2F568E



Tritanopia
005F66

Trichromacy



Original Color
1B588D

Protanomaly
33558A

Deuteranomaly
28578E

Tritanomaly
0A5C74

Monochromacy



Original Color
1B588D

Achromatopsia
4C4C4C

Achromatomaly
3A5064

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B588D 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 #1B588D looks like.

```
.text, #text, p{  
    color:#1B588D  
}
```

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 #1B588D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B588D
}
```

Border

The CSS property to change the border of an element to Hex 1B588D 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
#1B588D }
```

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

```
.border{ border-color:#1B588D }
```

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

Here you see how a box with a 4 pixel #1B588D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B588D; -webkit-box-shadow:4px 4px  
4px 4px #1B588D; box-shadow:4px 4px 4px  
4px #1B588D }
```

Background

The CSS property to change the background color of an element to Hex 1B588D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B588D }
```

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

```
.background{ background-color:#1B588D }
```

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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