

Converting Colors

Hex(168B5D)

Have a look what the booklet for
Hex(168B5D) contains.

Hex(168B5D)	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(168B5D)

Conversions

Conversions Part 1

Format	Color
Hex	168B5D
RGB	22, 139, 93
RGB Percent	9%, 55%, 36%
CMY	0.9137, 0.4549, 0.6353
CMYK	0.84, 0.00, 0.33, 0.45
HSL	156°, 73%, 32%
HSV	156°, 84%, 55%
XYZ	11.5393, 19.4261, 13.4974
YIQ	98.7730, -54.9660, -39.1100

Conversions

Conversions Part 2

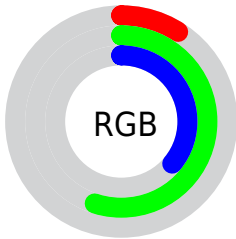
Format	Color
RYB	22, 95, 139
Decimal	1477469
CIELab	51.18, -42.00, 16.11
CIELCh	51, 44.981, 159.015
Yxy	19.4261, 0.2595, 0.4369
Android (android.graphics.Color)	4279667549 (0xFF168B5D)
YUV	98.7730, -2.8461, -67.3299
Hunter-Lab	44.0751, -30.3984, 12.6958

Details

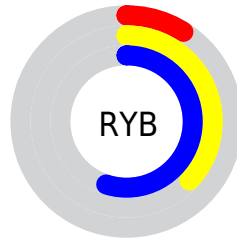
The Hex color **168B5D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B1644**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **59C190**, and **00582F** is the 20% darker color. If you saturate the color by 10%, you get **088B58**, and if you desaturate by 10%, it is **248B62**.

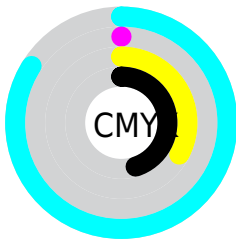
Distribution



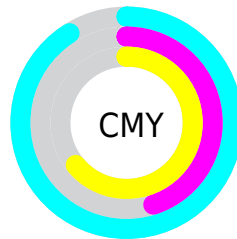
- Red (9%)
- Green (55%)
- Blue (36%)



- Red (9%)
- Yellow (37%)
- Blue (55%)



- Cyan (84%)
- Magenta (0%)
- Yellow (33%)
- Black (45%)



- Cyan (91%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168B5D 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 168B5D by changing the saturation by 10% instead.

 168B5D

 168B5D

FFFFFF

 007145

 59C190

 00582F

 76DEAA

 003F19

 92FBC5

 002A00

 AFFFE1

 000800

 CCFFFE

 000000

 E9FFFF

 168B5D

 168B5D

 088B58

 248B62

■ 008B54

■ 328B68

■ 408B6D

■ 4E8B73

■ 5C8B78

■ 698B7E

■ 778B83

■ 858B89

■ 938B8E

Harmonies

Analogous

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



5B853B



168B5D



008D85

Triad

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



168B5D



487AC6



BB604B

Complementary

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



168B5D



8B1644

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.



C15870



168B5D



8C6BB6

Square

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



168B5D



0085C1



B25D96



A56E31

Rectangle

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



168B5D



008C9E



B25D96



BF5C57

Sweetspot

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



168B5D



88B5A3



458B16



405C51



DBDBDB



5C5C5C

Same Dimension

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



168B5D



00B56E



167F8B



3E4542



008550



000503

Inverse Universe

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



8B1644



B50047



8B2216



453E41



850034



050002

Previews

White Background



This preview shows how the Hex color 168B5D looks on a white background.

Color Contrast Check

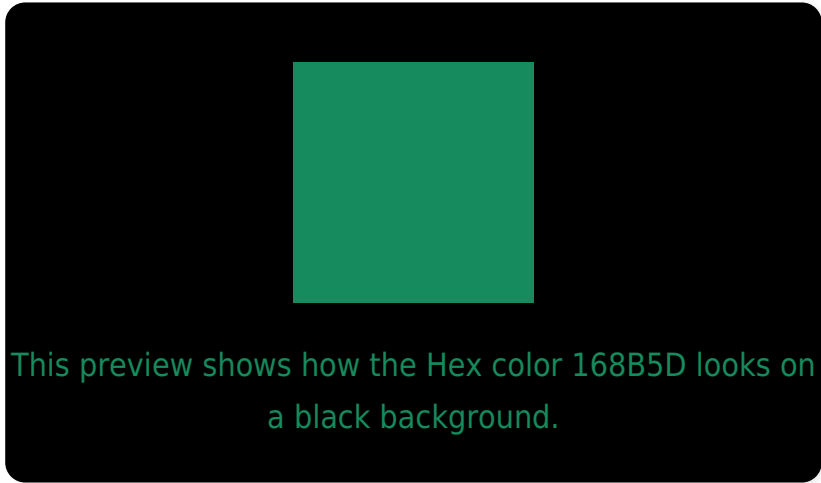
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 168B5D Background



This preview shows how black text looks on a background with the Hex color 168B5D.



This preview shows how white text looks on a background with the Hex color 168B5D.

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
168B5D

Protanopia
837955

Deuteranopia
8D7462



Tritanopia
34858F

Trichromacy



Original Color
168B5D



Protanomaly
5B8058



Deuteranomaly
627C60



Tritanomaly
29877D

Monochromacy



Original Color
168B5D



Achromatopsia
636363



Achromatomaly
477261

CSS Examples

Text

The CSS property to change the color of the text to Hex 168B5D 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 #168B5D looks like.

```
.text, #text, p{  
    color:#168B5D  
}
```

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 #168B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168B5D
}
```

Border

The CSS property to change the border of an element to Hex 168B5D 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
#168B5D }
```

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

```
.border{ border-color:#168B5D }
```

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

Here you see how a box with a 4 pixel #168B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168B5D; -webkit-box-shadow:4px 4px  
4px 4px #168B5D; box-shadow:4px 4px 4px  
4px #168B5D }
```

Background

The CSS property to change the background color of an element to Hex 168B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168B5D }
```

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

```
.background{ background-color:#168B5D }
```

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