

Converting Colors

Hex(19913B)

Have a look what the booklet for
Hex(19913B) contains.

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Color

Hex(19913B)

Conversions

Conversions Part 1

Format	Color
Hex	19913B
RGB	25, 145, 59
RGB Percent	10%, 57%, 23%
CMY	0.9020, 0.4314, 0.7686
CMYK	0.83, 0.00, 0.59, 0.43
HSL	137°, 71%, 33%
HSV	137°, 83%, 57%
XYZ	11.3157, 20.7732, 7.5509
YIQ	99.3160, -43.9140, -52.1860

Conversions

Conversions Part 2

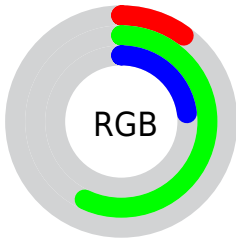
Format	Color
RYB	25, 119, 145
Decimal	1675579
CIELab	52.70, -50.15, 36.28
CIELCh	53, 61.898, 144.118
Yxy	20.7732, 0.2855, 0.5240
Android (android.graphics.Color)	4279865659 (0xFF19913B)
YUV	99.3160, -19.8758, -65.1751
Hunter-Lab	45.5777, -35.4441, 22.0817

Details

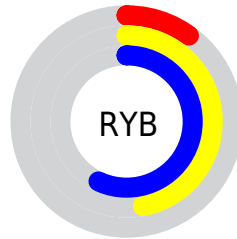
The Hex color **19913B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **91196F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5CC86D**, and **005D07** is the 20% darker color. If you saturate the color by 10%, you get **0B9131**, and if you desaturate by 10%, it is **279145**.

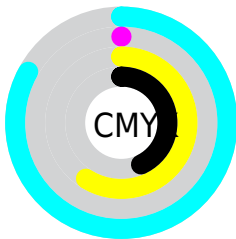
Distribution



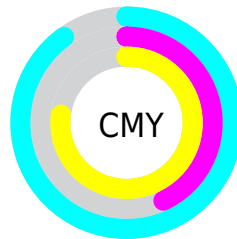
- Red (10%)
- Green (57%)
- Blue (23%)



- Red (10%)
- Yellow (47%)
- Blue (57%)



- Cyan (83%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (90%)
- Magenta (43%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19913B 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 19913B by changing the saturation by 10% instead.

 19913B

 19913B

FFFFFF

 007723

 5CC86D

 005D07

 79E487

 004400

 96FFA2

 002E00

 B3FFBD

 001100

 D0FFD9

 000000

 EEEFF6

 19913B

 19913B

 0B9131

 279145

■ 009129

■ 369150

■ 44915A

■ 539165

■ 61916F

■ 709179

■ 7E9184

■ 8D918E

■ 9B9199

Harmonies

Analogous

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



6D8801



19913B



009571

Triad

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



19913B



0087E8



DB4B56

Complementary

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



19913B



91196F

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.



D7478B



19913B



6774E0

Square

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



19913B



0092D3



B35BBD



C66226

Rectangle

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



19913B



009696



B35BBD



DC4767

Sweetspot

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



19913B



8EBD9B



6F9119



425E4A



DEDEDE



5E5E5E

Same Dimension

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



19913B



02BD37



199177



404742



008726



000802

Inverse Universe

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



91196F



BD0288



911933



474045



870061



080005

Previews

White Background



This preview shows how the Hex color 19913B looks on a white background.

Color Contrast Check

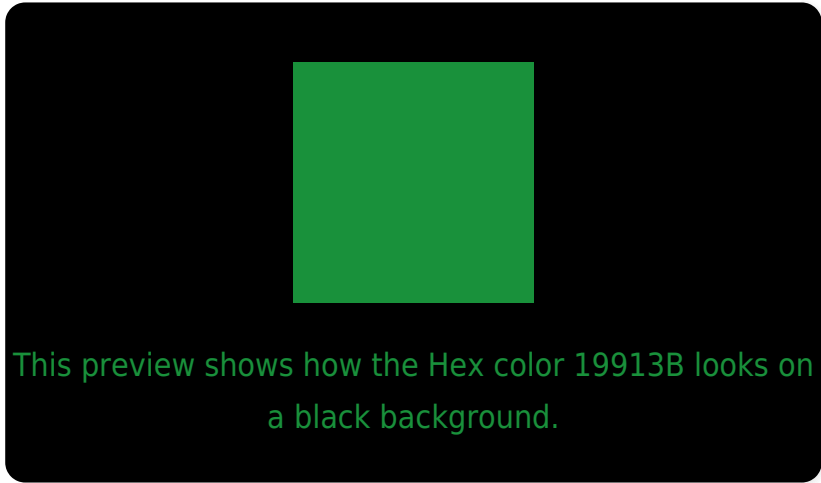
Large Text (above 18pt) WCAG AA ✓ Pass

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 19913B Background



This preview shows how black text looks on a background with the Hex color 19913B.

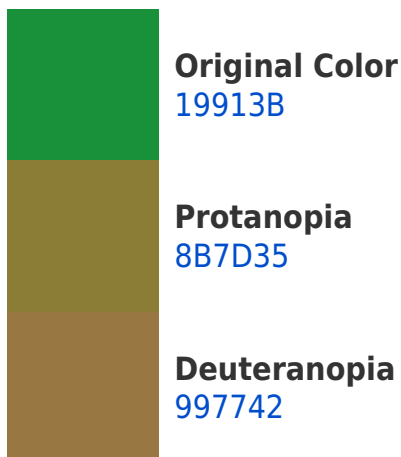


This preview shows how white text looks on a background with the Hex color 19913B.

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
3E8893

Trichromacy



Original Color
19913B



Protanomaly
628437



Deuteranomaly
6A803F



Tritanomaly
318B73

Monochromacy



Original Color
19913B



Achromatopsia
636363



Achromatomaly
487454

CSS Examples

Text

The CSS property to change the color of the text to Hex 19913B 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 #19913B looks like.

```
.text, #text, p{  
    color:#19913B  
}
```

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 #19913B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19913B
}
```

Border

The CSS property to change the border of an element to Hex 19913B 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
#19913B }
```

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

```
.border{ border-color:#19913B }
```

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

Here you see how a box with a 4 pixel #19913B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19913B; -webkit-box-shadow:4px 4px  
4px 4px #19913B; box-shadow:4px 4px 4px  
4px #19913B }
```

Background

The CSS property to change the background color of an element to Hex 19913B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19913B }
```

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

```
.background{ background-color:#19913B }
```

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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