

Converting Colors

Hex(19568C)

Have a look what the booklet for
Hex(19568C) contains.

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Color

Hex(19568C)

Conversions

Conversions Part 1

Format	Color
Hex	19568C
RGB	25, 86, 140
RGB Percent	10%, 34%, 55%
CMY	0.9020, 0.6627, 0.4510
CMYK	0.82, 0.39, 0.00, 0.45
HSL	208°, 70%, 32%
HSV	208°, 82%, 55%
XYZ	8.4623, 8.7557, 26.0549
YIQ	73.9170, -53.6900, 3.8620

Conversions

Conversions Part 2

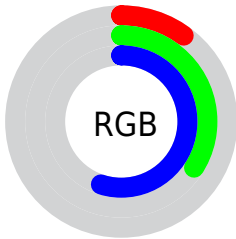
Format	Color
R_{YB}	25, 65, 140
Decimal	1660556
CIE Lab	35.51, 1.24, -35.36
CIE LCh	36, 35.379, 272.010
Yxy	8.7557, 0.1956, 0.2023
Android (android.graphics.Color)	4279850636 (0xFF19568C)
YUV	73.9170, 32.5789, -42.9002
Hunter-Lab	29.5900, -0.7342, -31.4937

Details

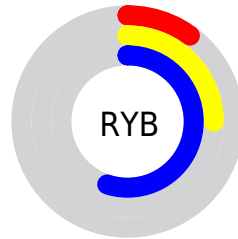
The Hex color **19568C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C4F19**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5987C2**, and **002A59** is the 20% darker color. If you saturate the color by 10%, you get **0B4F8C**, and if you desaturate by 10%, it is **275D8C**.

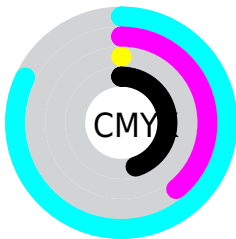
Distribution



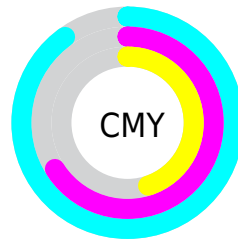
- Red (10%)
- Green (34%)
- Blue (55%)



- Red (10%)
- Yellow (25%)
- Blue (55%)



- Cyan (82%)
- Magenta (39%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19568C 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 19568C by changing the saturation by 10% instead.

■ 19568C

■ 19568C

FFFFFF

■ 003F72

■ 5987C2

■ 002A59

■ 75A1DE

■ 001542

■ 91BCFB

■ 00032B

■ ADD8FF

■ 000115

■ CAF4FF

■ 000000

■ E7FFFF

■ 19568C

■ 19568C

■ 0B4F8C

■ 275D8C

■ 004A8C

■ 35638C

■ 436A8C

■ 51708C

■ 5F778C

■ 6D7D8C

■ 7B848C

■ 898B8C

■ 97918C

Harmonies

Analogous

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



005D85



19568C



574B84

Triad

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



19568C



863E37



1B5F38

Complementary

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



19568C



8C4F19

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.



445B21



19568C



784821

Square

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



19568C



863A53



615317



006155

Rectangle

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



19568C



6F4377



615317



2C5E2F

Sweetspot

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



19568C



88A0B5



198C4F



404F5C



DBDBDB



5C5C5C

Same Dimension

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



19568C



0261B5



191D8C



3E4245



004685



000305

Inverse Universe

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



8C1956



B50261



8C8819



453E42



850046



050003

Previews

White Background



This preview shows how the Hex color 19568C looks on a white background.

Color Contrast Check

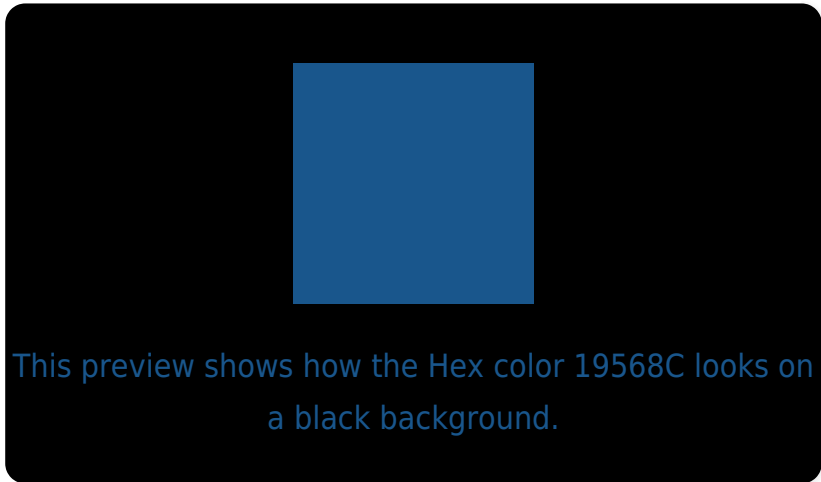
Large Text (above 18pt) WCAG AA ✓ Pass

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

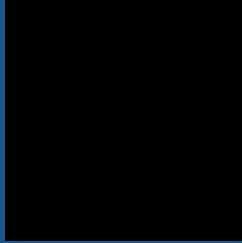
Any Text WCAG AA × Fail

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 19568C Background



This preview shows how black text looks on a background with the Hex color 19568C.

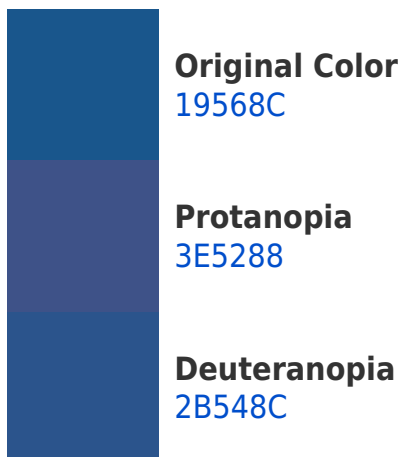


This preview shows how white text looks on a background with the Hex color 19568C.

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



Trichromacy



Original Color
19568C

Protanomaly
315389

Deuteranomaly
24558C

Monochromacy



Original Color
19568C

Achromatopsia
4A4A4A

Achromatomaly
384E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 19568C 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 #19568C looks like.

```
.text, #text, p{  
    color:#19568C  
}
```

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 #19568C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19568C
}
```

Border

The CSS property to change the border of an element to Hex 19568C 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
#19568C }
```

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

```
.border{ border-color:#19568C }
```

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

Here you see how a box with a 4 pixel #19568C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19568C; -webkit-box-shadow:4px 4px  
4px 4px #19568C; box-shadow:4px 4px 4px  
4px #19568C }
```

Background

The CSS property to change the background color of an element to Hex 19568C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19568C }
```

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

```
.background{ background-color:#19568C }
```

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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