

Converting Colors

Hex(19628A)

Have a look what the booklet for
Hex(19628A) contains.

Hex(19628A)	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(19628A)

Conversions

Conversions Part 1

Format	Color
Hex	19628A
RGB	25, 98, 138
RGB Percent	10%, 38%, 54%
CMY	0.9020, 0.6157, 0.4588
CMYK	0.82, 0.29, 0.00, 0.46
HSL	201°, 69%, 32%
HSV	201°, 82%, 54%
XYZ	9.3560, 10.7770, 25.6318
YIQ	80.7330, -56.3480, -3.0360

Conversions

Conversions Part 2

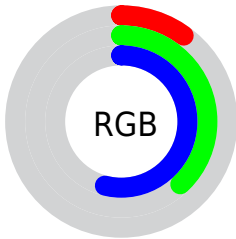
Format	Color
R_{YB}	25, 69, 138
Decimal	1663626
CIE _{Lab}	39.20, -7.08, -28.31
CIE _{LCh}	39, 29.186, 255.965
Yxy	10.7770, 0.2044, 0.2355
Android (android.graphics.Color)	4279853706 (0xFF19628A)
YUV	80.7330, 28.2326, -48.8778
Hunter-Lab	32.8284, -6.5774, -23.3127

Details

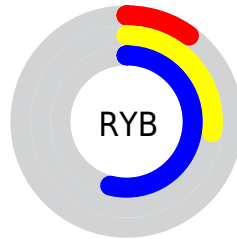
The Hex color **19628A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8A4119**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5995C0**, and **003458** is the 20% darker color. If you saturate the color by 10%, you get **0B5D8A**, and if you desaturate by 10%, it is **27678A**.

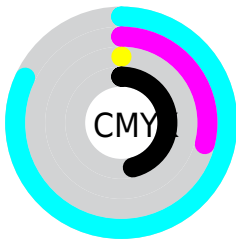
Distribution



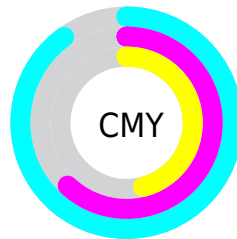
- Red (10%)
- Green (38%)
- Blue (54%)



- Red (10%)
- Yellow (27%)
- Blue (54%)



- Cyan (82%)
- Magenta (29%)
- Yellow (0%)
- Black (46%)



- Cyan (90%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19628A 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 19628A by changing the saturation by 10% instead.

■ 19628A

■ 19628A

FFFFFF

■ 004A70

■ 5995C0

■ 003458

■ 75AFDC

■ 001F40

■ 91CBF8

■ 00032A

■ ADE7FF

■ 000114

■ CAFFFF

■ 000000

■ E7FFFF

■ 19628A

■ 19628A

■ 0B5D8A

■ 27678A

■ 00598A

■ 356C8A

■ 42718A

■ 50768A

■ 5E7A8A

■ 6C7F8A

■ 7A848A

■ 87898A

■ 958E8A

Harmonies

Analogous

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



00677E



19628A



4D5A8A

Triad

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



19628A



8A4950



44653A

Complementary

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



19628A



8A4119

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.



5F5F2D



19628A



844F3B

Square

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



19628A



834A68



75572E



216850

Rectangle

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



19628A



655483



75572E



4D6335

Sweetspot

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



19628A



86A3B3



198A41



3E5059



D9D9D9



595959

Same Dimension

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



19628A



0475B3



192A8A



3E4245



005685



000305

Inverse Universe

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



8A1962



B30475



8A7919



453E42



850056



050003

Previews

White Background



This preview shows how the Hex color 19628A looks on a white background.

Color Contrast Check

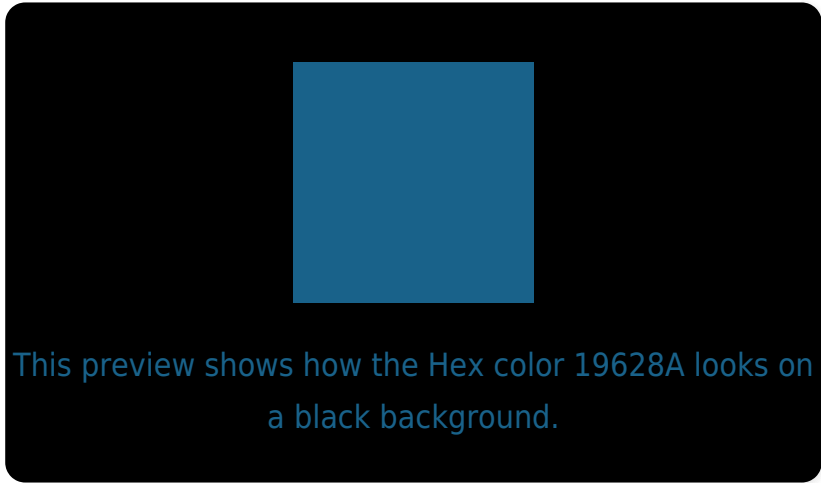
Large Text (above 18pt) WCAG AA ✓ Pass

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

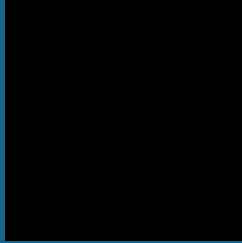
Any Text WCAG AA × Fail

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 19628A Background



This preview shows how black text looks on a background with the Hex color 19628A.

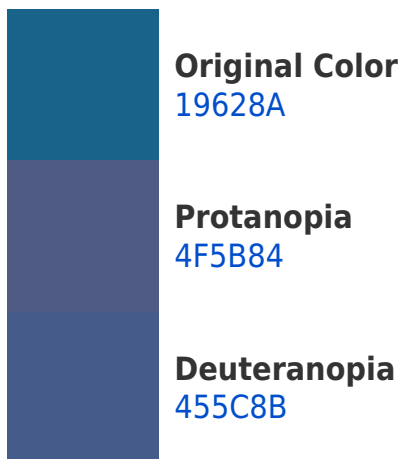


This preview shows how white text looks on a background with the Hex color 19628A.

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](#).

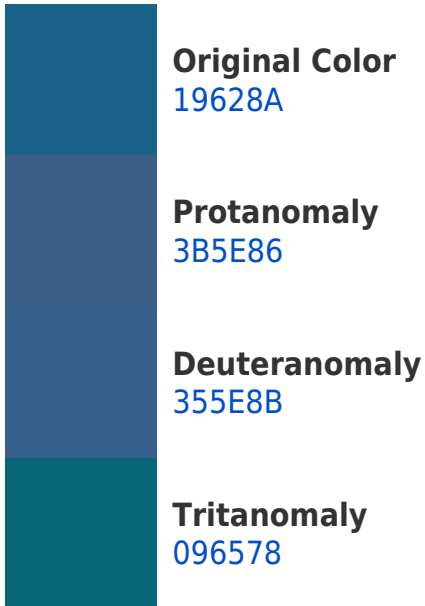
Dichromacy



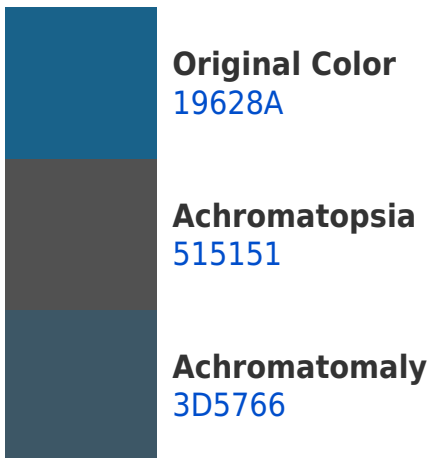


Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 19628A 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 #19628A looks like.

```
.text, #text, p{  
    color:#19628A  
}
```

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 #19628A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19628A
}
```

Border

The CSS property to change the border of an element to Hex 19628A 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
#19628A }
```

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

```
.border{ border-color:#19628A }
```

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

Here you see how a box with a 4 pixel #19628A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19628A; -webkit-box-shadow:4px 4px  
4px 4px #19628A; box-shadow:4px 4px 4px  
4px #19628A }
```

Background

The CSS property to change the background color of an element to Hex 19628A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19628A }
```

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

```
.background{ background-color:#19628A }
```

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