

Converting Colors

Hex(59926B)

Have a look what the booklet for
Hex(59926B) contains.

Hex(59926B)	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(59926B)

Conversions

Conversions Part 1

Format	Color
Hex	59926B
RGB	89, 146, 107
RGB Percent	35%, 57%, 42%
CMY	0.6510, 0.4275, 0.5804
CMYK	0.39, 0.00, 0.27, 0.43
HSL	139°, 24%, 46%
HSV	139°, 39%, 57%
XYZ	17.0526, 23.7432, 17.5940
YIQ	124.5110, -21.4530, -24.2130

Conversions

Conversions Part 2

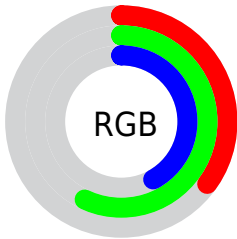
Format	Color
R_{YB}	89, 132, 146
Decimal	5870187
CIE _{Lab}	55.83, -27.61, 14.91
CIE _{LCh}	56, 31.377, 151.628
Yxy	23.7432, 0.2920, 0.4066
Android (android.graphics.Color)	4284060267 (0xFF59926B)
YUV	124.5110, -8.6329, -31.1431
Hunter-Lab	48.7269, -22.8040, 12.7008

Details

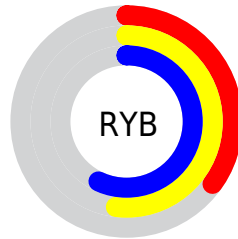
The Hex color **59926B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **925980**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8DC89F**, and **265F3B** is the 20% darker color. If you saturate the color by 10%, you get **4A9261**, and if you desaturate by 10%, it is **689275**.

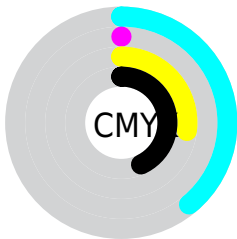
Distribution



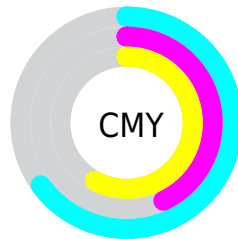
- Red (35%)
- Green (57%)
- Blue (42%)



- Red (35%)
- Yellow (52%)
- Blue (57%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)



- Cyan (65%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59926B 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 59926B by changing the saturation by 10% instead.

 59926B

 59926B

FFFFFF

 407853

 8DC89F

 265F3B

 A8E5B9

 0A4725

 C4FFD5

 003011

 E1FFF2

 001D00

FEFFFF

 000000

 59926B

 59926B

 4A9261

 689275

 3C9257

 76927F

 2D924D


 859289

 1F9243

 939293

 109239

 A2929D

 01922F

 B192A7

 00922E

 BF92B1

 CE92BB

 DC92C5

Harmonies

Analogous

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



7A8D56



59926B



349486

Triad

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



59926B



6188BC



BA736B

Complementary

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



59926B



925980

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.



B97185



59926B



8B7EB4

Square

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



59926B



308FB5



A975A0



AD7B57

Rectangle

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



59926B



199499



A975A0



BB7273

Sweetspot

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



59926B



A6BDAD



819259



515E55



DEDEDE



5E5E5E

Same Dimension

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



59926B



64BD80



599287



434A45



008A2B



000A03

Inverse Universe

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



925980



BD64A1



925964



4A4348



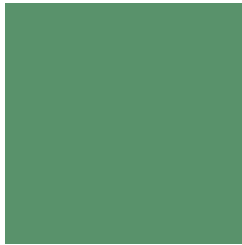
8A005E



0A0007

Previews

White Background



This preview shows how the Hex color 59926B looks on a white background.

Color Contrast Check

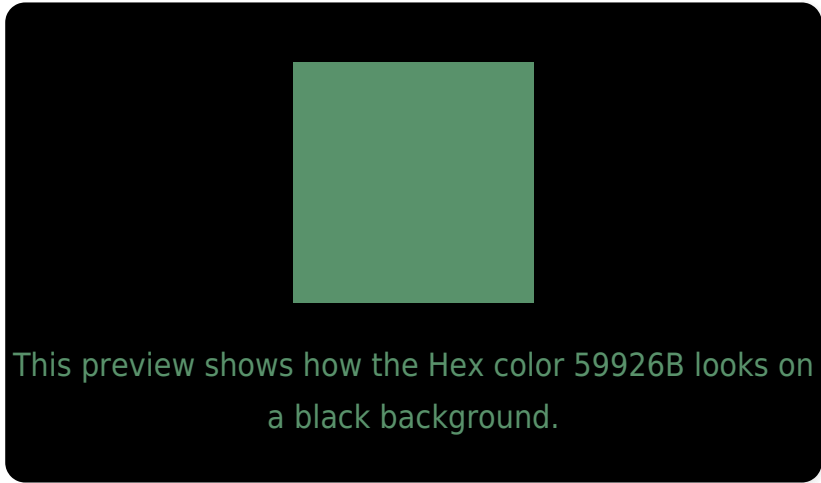
Large Text (above 18pt) WCAG AA ✓ Pass

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

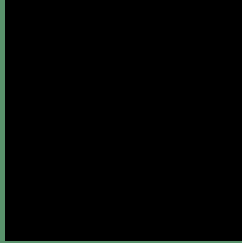
Any Text WCAG AA ✓ Pass

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 59926B Background



This preview shows how black text looks on a background with the Hex color 59926B.

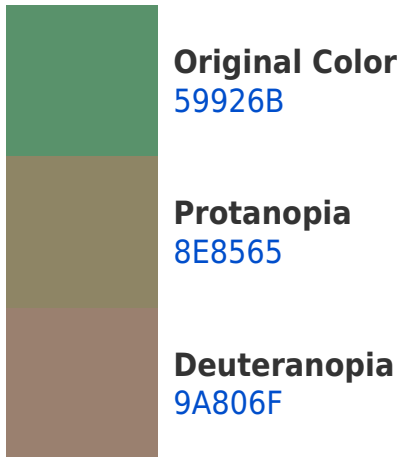


This preview shows how white text looks on a background with the Hex color 59926B.

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
638C97

Trichromacy



Original Color
59926B

Protanomaly
7B8A67

Deuteranomaly
82876E

Tritanomaly
5F8E87

Monochromacy



Original Color
59926B

Achromatopsia
7D7D7D

Achromatomaly
708576

CSS Examples

Text

The CSS property to change the color of the text to Hex 59926B 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 #59926B looks like.

```
.text, #text, p{  
    color:#59926B  
}
```

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 #59926B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59926B
}
```

Border

The CSS property to change the border of an element to Hex 59926B 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
#59926B }
```

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

```
.border{ border-color:#59926B }
```

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

Here you see how a box with a 4 pixel #59926B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59926B; -webkit-box-shadow:4px 4px  
4px 4px #59926B; box-shadow:4px 4px 4px  
4px #59926B }
```

Background

The CSS property to change the background color of an element to Hex 59926B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59926B }
```

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

```
.background{ background-color:#59926B }
```

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