

Converting Colors

Hex(29905B)

Have a look what the booklet for
Hex(29905B) contains.

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Color

Hex(29905B)

Conversions

Conversions Part 1

Format	Color
Hex	29905B
RGB	41, 144, 91
RGB Percent	16%, 56%, 36%
CMY	0.8392, 0.4353, 0.6431
CMYK	0.72, 0.00, 0.37, 0.44
HSL	149°, 56%, 36%
HSV	149°, 72%, 56%
XYZ	12.7760, 21.1733, 13.3110
YIQ	107.1610, -44.3750, -38.3190

Conversions

Conversions Part 2

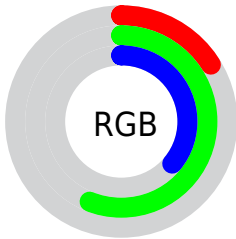
Format	Color
RYB	41, 110, 144
Decimal	2723931
CIELab	53.14, -41.88, 19.94
CIELCh	53, 46.390, 154.538
Yxy	21.1733, 0.2703, 0.4480
Android (android.graphics.Color)	4280914011 (0xFF29905B)
YUV	107.1610, -7.9674, -58.0232
Hunter-Lab	46.0144, -30.9642, 15.0587

Details

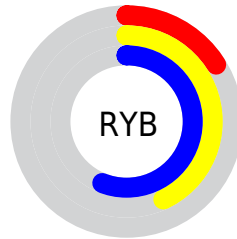
The Hex color **29905B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **90295E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **64C78E**, and **005C2C** is the 20% darker color. If you saturate the color by 10%, you get **1B9054**, and if you desaturate by 10%, it is **379062**.

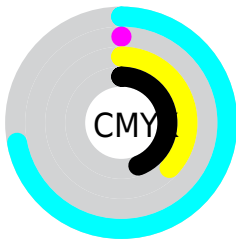
Distribution



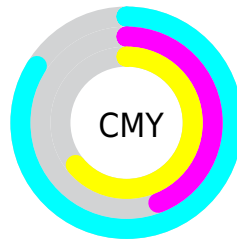
- Red (16%)
- Green (56%)
- Blue (36%)



- Red (16%)
- Yellow (43%)
- Blue (56%)



- Cyan (72%)
- Magenta (0%)
- Yellow (37%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29905B 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 29905B by changing the saturation by 10% instead.

 29905B

 29905B

FFFFFF

 007643

 64C78E

 005C2C

 81E3A8

 004417

 9DFFC3

 002D00

 B9FFDF

 001300

 D6FFFC

 000000

 F4FFFF

 29905B

 29905B

 1B9054

 379062

 0C904C

 46906A

 009046

 549071

 639079

 719080

 7F9087

 8E908F

 9C9096

 AB909E

Harmonies

Analogous

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



668A3A



29905B



009384

Triad

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



29905B



3B81CE



C56254

Complementary

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



29905B



90295E

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.



C85B7A



29905B



8972C1

Square

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



29905B



008CC6



B562A2



B07036

Rectangle

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



29905B



00929F



B562A2



C85E60

Sweetspot

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



29905B



93BAA6



5E9029



475E52



DEDEDE



5E5E5E

Same Dimension

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



29905B



1ABA68



29908E



404744



008742



000804

Inverse Universe

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



90295E



BA1A6C



90292B



474044



870046



080004

Previews

White Background



This preview shows how the Hex color 29905B looks on a white background.

Color Contrast Check

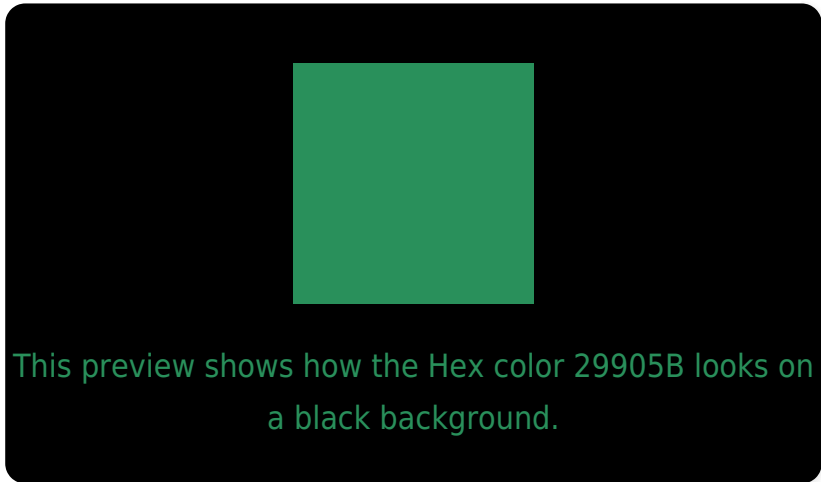
Large Text (above 18pt) WCAG AA ✓ Pass

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

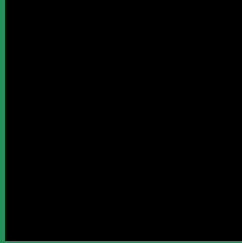
Any Text WCAG AA ✓ Pass

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 29905B Background



This preview shows how black text looks on a background with the Hex color 29905B.

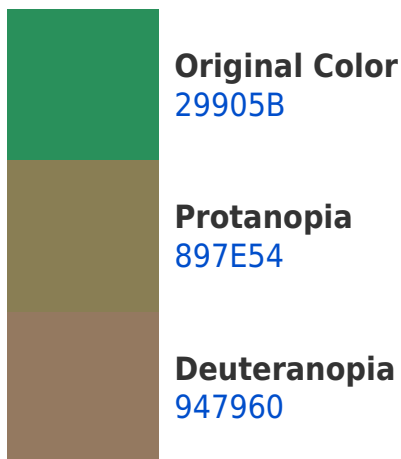


This preview shows how white text looks on a background with the Hex color 29905B.

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
408994

Trichromacy



Original Color
29905B



Protanomaly
668557



Deuteranomaly
6D815E



Tritanomaly
388C7F

Monochromacy



Original Color
29905B



Achromatopsia
6B6B6B



Achromatomaly
537865

CSS Examples

Text

The CSS property to change the color of the text to Hex 29905B 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 #29905B looks like.

```
.text, #text, p{  
    color:#29905B  
}
```

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 #29905B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29905B
}
```

Border

The CSS property to change the border of an element to Hex 29905B 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
#29905B }
```

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

```
.border{ border-color:#29905B }
```

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

Here you see how a box with a 4 pixel #29905B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29905B; -webkit-box-shadow:4px 4px  
4px 4px #29905B; box-shadow:4px 4px 4px  
4px #29905B }
```

Background

The CSS property to change the background color of an element to Hex 29905B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29905B }
```

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

```
.background{ background-color:#29905B }
```

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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