

Converting Colors

Hex(059932)

Have a look what the booklet for
Hex(059932) contains.

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Color

Hex(059932)

Conversions

Conversions Part 1

Format	Color
Hex	059932
RGB	5, 153, 50
RGB Percent	2%, 60%, 20%
CMY	0.9804, 0.4000, 0.8039
CMYK	0.97, 0.00, 0.67, 0.40
HSL	138°, 94%, 31%
HSV	138°, 97%, 60%
XYZ	12.0295, 23.0450, 6.8317
YIQ	97.0060, -55.1450, -63.4090

Conversions

Conversions Part 2

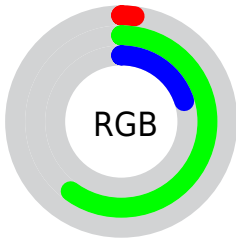
Format	Color
RYB	5, 118, 153
Decimal	366898
CIELab	55.12, -55.51, 43.15
CIELCh	55, 70.304, 142.143
Yxy	23.0450, 0.2871, 0.5499
Android (android.graphics.Color)	4278556978 (0xFF059932)
YUV	97.0060, -23.1740, -80.6893
Hunter-Lab	48.0052, -39.2792, 25.1660

Details

The Hex color **059932** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **99056C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **59D165**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **00992F**, and if you desaturate by 10%, it is **14993D**.

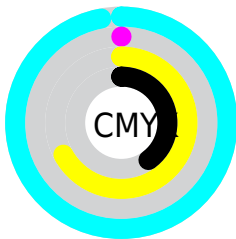
Distribution



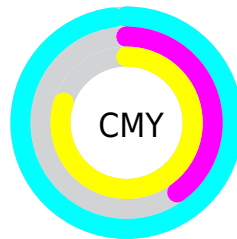
- Red (2%)
- Green (60%)
- Blue (20%)



- Red (2%)
- Yellow (46%)
- Blue (60%)



- Cyan (97%)
- Magenta (0%)
- Yellow (67%)
- Black (40%)



- Cyan (98%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 059932 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 059932 by changing the saturation by 10% instead.

 059932

 059932

FFFFFF

 007E17

 59D165

 006400

 77ED7F

 004B00

 94FF9A

 003400

 B2FFB6

 001A00

 CFFFD2

 000000

 EDFFE2

 059932

 059932

 00992F


 14993D

 249947

 339952

 42995D

 529967

 619972

 70997D

 7F9987

 8F9992

Harmonies

Analogous

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



748E00



059932



009E71

Triad

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



059932



0090FD



ED455A

Complementary

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



059932



99056C

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.



E74197



059932



5C7BF6

Square

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



059932



009BE4



BD5DD0



D76120

Rectangle

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



059932



009F9C



BD5DD0



EF3F6E

Sweetspot

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



059932



8DC79F



6D9905



41634B



E3E3E3



636363

Same Dimension

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



059932



00C73C



05997B



454D47



008C2B



000D04

Inverse Universe

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



99056C



C7008A



990523



4D454A



8C0062



0D0009

Previews

White Background



This preview shows how the Hex color 059932 looks on a white background.

Color Contrast Check

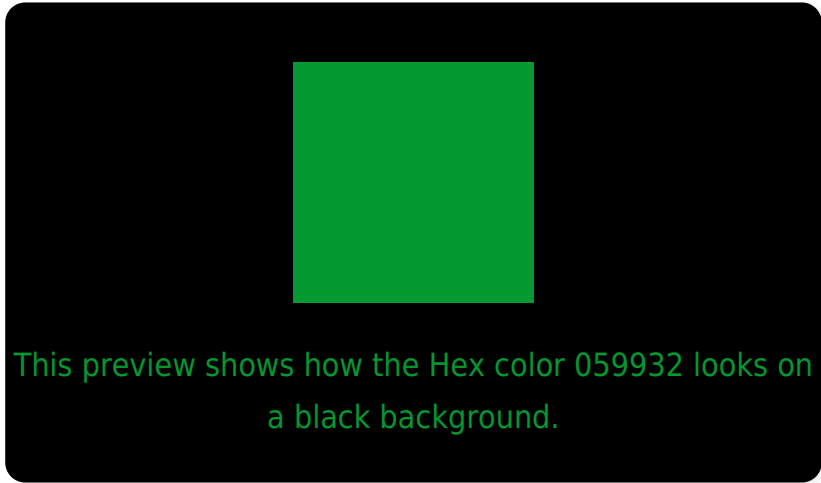
Large Text (above 18pt) WCAG AA ✓ Pass

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 059932 Background



This preview shows how black text looks on a background with the Hex color 059932.



This preview shows how white text looks on a background with the Hex color 059932.

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



Original Color
059932

Protanopia
93832C

Deuteranopia
A27D3B



Tritanopia
3E8F9B

Trichromacy



Original Color
059932



Protanomaly
5F8B2E



Deuteranomaly
698738



Tritanomaly
299375

Monochromacy



Original Color
059932



Achromatopsia
616161



Achromatomaly
407550

CSS Examples

Text

The CSS property to change the color of the text to Hex 059932 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 #059932 looks like.

```
.text, #text, p{  
    color:#059932  
}
```

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 #059932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #059932
}
```

Border

The CSS property to change the border of an element to Hex 059932 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
#059932 }
```

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

```
.border{ border-color:#059932 }
```

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

Here you see how a box with a 4 pixel #059932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #059932; -webkit-box-shadow:4px 4px  
4px 4px #059932; box-shadow:4px 4px 4px  
4px #059932 }
```

Background

The CSS property to change the background color of an element to Hex 059932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#059932 }
```

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

```
.background{ background-color:#059932 }
```

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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