

# Converting Colors

Hex(659029)

Have a look what the booklet for  
Hex(659029) contains.

|                                                |    |
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**Color**

**Hex(659029)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 659029                     |
| RGB         | 101, 144, 41               |
| RGB Percent | 40%, 56%, 16%              |
| CMY         | 0.6039, 0.4353, 0.8392     |
| CMYK        | 0.30, 0.00, 0.72, 0.44     |
| HSL         | 85°, 56%, 36%              |
| HSV         | 85°, 72%, 56%              |
| XYZ         | 15.7403, 22.8733, 5.6832   |
| YIQ         | 119.4010, 7.4350, -41.1490 |

# Conversions

## Conversions Part 2

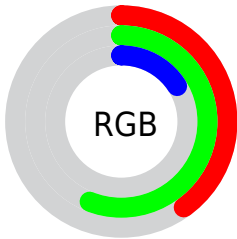
| Format                              | Color                                            |
|-------------------------------------|--------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">41, 144, 84</a>                      |
| Decimal                             | <a href="#">6656041</a>                          |
| CIELab                              | <a href="#">54.94, -31.21, 47.57</a>             |
| CIELCh                              | <a href="#">55, 56.892, 123.266</a>              |
| Yxy                                 | <a href="#">22.8733, 0.3553,<br/>0.5164</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284846121<br/>(0xFF659029)</a>      |
| YUV                                 | <a href="#">119.4010, -38.6517,<br/>-16.1377</a> |
| Hunter-Lab                          | <a href="#">47.8261, -24.9484,<br/>26.4328</a>   |

# Details

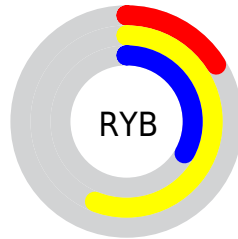
The Hex color **659029** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **542990**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9BC65D**, and **305D00** is the 20% darker color. If you saturate the color by 10%, you get **5F901B**, and if you desaturate by 10%, it is **6B9037**.

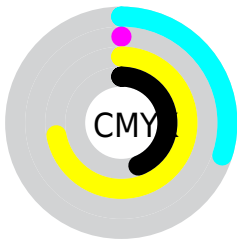
# Distribution



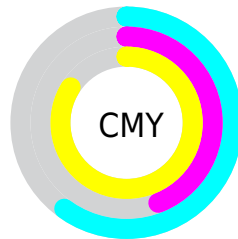
- Red (40%)
- Green (56%)
- Blue (16%)



- Red (16%)
- Yellow (56%)
- Blue (33%)



- Cyan (30%)
- Magenta (0%)
- Yellow (72%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 659029 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 659029 by changing the saturation by 10% instead.





659029



659029

FFFFFF



4B760A



9BC65D



305D00



B7E277



164500



D3FF92



002E00



F1FFAD



001A00



FFFFC9



000000



FFFFE6



659029



659029



5F901B



6B9037

■ 59900C

■ 719046

■ 549000

■ 779054

■ 7D9063

■ 839071

■ 89907F

■ 8F908E

■ 95909C

■ 9B90AB

# Harmonies

## Analogous

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



978311



659029



009855

# Triad

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



659029



0094DB



DB5380

# Complementary

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



659029



542990

# 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.



C35FB1



659029



0087E6

# Square

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



659029



009AB8



8B74D6



D85D50

# Rectangle

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



659029



009A76



8B74D6



D65591



# Sweetspot

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



659029



AABA93



905429



555E47



DEDEDE



5E5E5E



# Same Dimension

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



659029



77BA1A



329029



444740



4F8700



040800



# Inverse Universe

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



542990



5D1ABA



872990



434047



380087



030008



# Previews

## White Background



This preview shows how the Hex color 659029 looks on a white background.

## Color Contrast Check

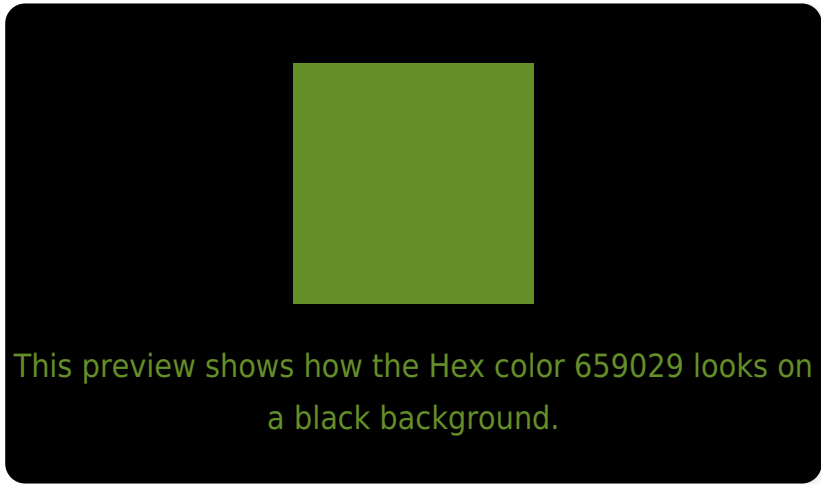
Large Text (above 18pt) WCAG AA ✓ Pass

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 659029 Background



This preview shows how black text looks on a background with the Hex color 659029.



This preview shows how white text looks on a background with the Hex color 659029.

# 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**  
659029

**Protanopia**  
938326

**Deuteranopia**  
A37D30



**Tritanopia**  
728691

# Trichromacy



**Original Color**  
659029

**Protanomaly**  
828827

**Deuteranomaly**  
8C842D

**Tritanomaly**  
6D8A6B

# Monochromacy



**Original Color**  
659029

**Achromatopsia**  
777777

**Achromatomaly**  
70805B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 659029 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 #659029 looks like.

```
.text, #text, p{  
    color:#659029  
}
```

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 #659029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #659029
}
```

## Border

The CSS property to change the border of an element to Hex 659029 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
#659029 }
```

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

```
.border{ border-color:#659029 }
```

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

Here you see how a box with a 4 pixel #659029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #659029; -webkit-box-shadow:4px 4px  
4px 4px #659029; box-shadow:4px 4px 4px  
4px #659029 }
```

# Background

The CSS property to change the background color of an element to Hex 659029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#659029 }
```

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

```
.background{ background-color:#659029 }
```

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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