

Converting Colors

Hex(4F9100)

Have a look what the booklet for
Hex(4F9100) contains.

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Color

Hex(4F9100)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4F9100 |
| RGB | 79, 145, 0 |
| RGB Percent | 31%, 57%, 0% |
| CMY | 0.6902, 0.4314, 1.0000 |
| CMYK | 0.46, 0.00, 1.00, 0.43 |
| HSL | 87°, 100%, 28% |
| HSV | 87°, 100%, 57% |
| XYZ | 13.3498, 21.9131, 3.5260 |
| YIQ | 108.7360, 7.2090, -59.0870 |

Conversions

Conversions Part 2

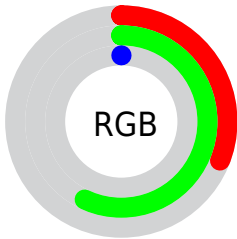
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 145, 66 |
| Decimal | 5214464 |
| CIELab | 53.93, -41.54, 56.83 |
| CIELCh | 54, 70.390, 126.164 |
| Yxy | 21.9131, 0.3442, 0.5649 |
| Android (android.graphics.Color) | 4283404544 (0xFF4F9100) |
| YUV | 108.7360, -53.6068, -26.0785 |
| Hunter-Lab | 46.8114, -31.0146, 28.3020 |

Details

The Hex color **4F9100** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **420091**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **87C745**, and **125E00** is the 20% darker color. If you saturate the color by 10%, you get **4F9100**, and if you desaturate by 10%, it is **56910E**.

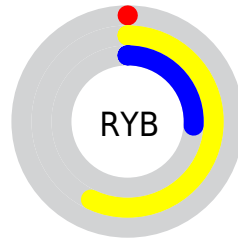
Distribution



Red (31%)

Green (57%)

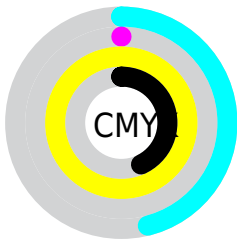
Blue (0%)



Red (0%)

Yellow (57%)

Blue (26%)

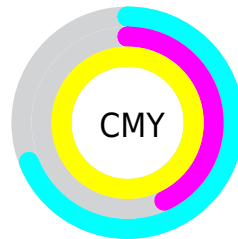


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (69%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9100 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 4F9100 by changing the saturation by 10% instead.

 4F9100

 4F9100

FFFFFF

 327700

 87C745

 125E00

 A3E460

 004500

 BFFF7B

 002E00

 DDF96

 001600

 FAFFB2

 000000

 FFFFCE

 FFFFEB

 4F9100

 56910E

 5C911D

 63912C

 69913A

 709149

 779157

 7D9166

 849174

 8A9183

Harmonies

Analogous

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



908200



4F9100



00994D

Triad

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



4F9100



0094F0



EB3A77

Complementary

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



4F9100



420091

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.



D24AB3



4F9100



0085FB

Square

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



4F9100



009BC8



906AE4



E24D3C

Rectangle

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



4F9100



009B77



906AE4



E63B8B

Sweetspot

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



4F9100



A3BD84



914100



4F5E3C



DEDEDE



5E5E5E

Same Dimension

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



4F9100



67BD00



079100



444740



4A8700



040800

Inverse Universe

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



420091



5600BD



8A0091



444047



3E0087



030008

Previews

White Background



This preview shows how the Hex color 4F9100 looks on a white background.

Color Contrast Check

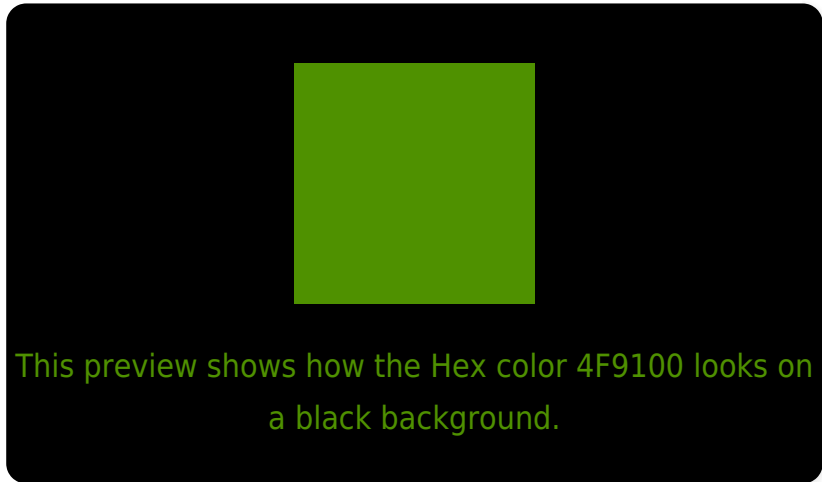
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F9100 Background



This preview shows how black text looks on a background with the Hex color 4F9100.



This preview shows how white text looks on a background with the Hex color 4F9100.

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
4F9100

Protanopia
918100

Deuteranopia
A27A1D



Tritanopia
618792

Trichromacy



Original Color
4F9100

Protanomaly
798700

Deuteranomaly
848212

Tritanomaly
5A8B5D

Monochromacy



Original Color
4F9100

Achromatopsia
6D6D6D

Achromatomaly
627A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9100 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 #4F9100 looks like.

```
.text, #text, p{  
    color:#4F9100  
}
```

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 #4F9100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9100
}
```

Border

The CSS property to change the border of an element to Hex 4F9100 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
#4F9100 }
```

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

```
.border{ border-color:#4F9100 }
```

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

Here you see how a box with a 4 pixel #4F9100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9100; -webkit-box-shadow:4px 4px  
4px 4px #4F9100; box-shadow:4px 4px 4px  
4px #4F9100 }
```

Background

The CSS property to change the background color of an element to Hex 4F9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9100 }
```

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

```
.background{ background-color:#4F9100 }
```

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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