

# Converting Colors

Hex(6E9041)

Have a look what the booklet for  
Hex(6E9041) contains.

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**Color**

**Hex(6E9041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E9041
RGB	110, 144, 65
RGB Percent	43%, 56%, 25%
CMY	0.5686, 0.4353, 0.7451
CMYK	0.24, 0.00, 0.55, 0.44
HSL	86°, 38%, 41%
HSV	86°, 55%, 56%
XYZ	17.3578, 23.6432, 8.6498
YIQ	124.8280, 5.0950, -31.7770

# Conversions

## Conversions Part 2

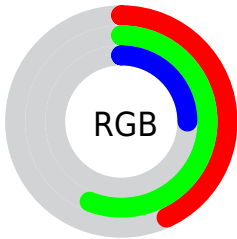
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 144, 99
Decimal	7245889
CIELab	55.73, -25.50, 37.69
CIELCh	56, 45.509, 124.078
Yxy	23.6432, 0.3496, 0.4762
Android (android.graphics.Color)	4285435969 (0xFF6E9041)
YUV	124.8280, -29.4952, -13.0042
Hunter-Lab	48.6242, -21.3718, 23.4899

# Details

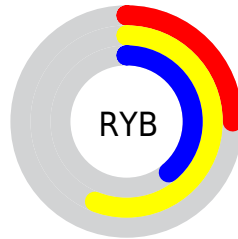
The Hex color **6E9041** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **634190**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A3C673**, and **3B5D0F** is the 20% darker color. If you saturate the color by 10%, you get **689033**, and if you desaturate by 10%, it is **74904F**.

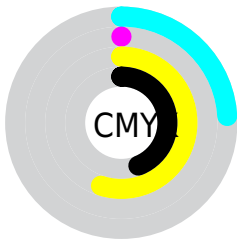
# Distribution



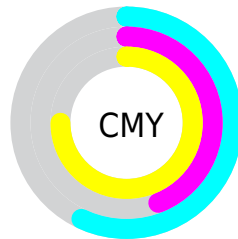
- Red (43%)
- Green (56%)
- Blue (25%)



- Red (25%)
- Yellow (56%)
- Blue (39%)



- Cyan (24%)
- Magenta (0%)
- Yellow (55%)
- Black (44%)



- Cyan (57%)
- Magenta (44%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9041 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 6E9041 by changing the saturation by 10% instead.



 6E9041

 6E9041

FFFFFF

 547629

 A3C673

 3B5D0F

 BFE28D

 234600

 DBFFA8

 082F00

 F8FFC4

 001C00

 FFFFEO

 000000

FFFFFFD

 6E9041

 6E9041

 689033

 74904F

■ 629024

■ 7A905E

■ 5B9016

■ 81906C

■ 559007

■ 87907B

■ 529000

■ 8D9089

■ 939097

■ 9990A6

■ A090B4

■ A690C3

# Harmonies

## Analogous

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



978533



6E9041



369761

# Triad

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



6E9041



0093CC



CE6382

# Complementary

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



6E9041



634190

# 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.



BA6AA9



6E9041



4588D4

# Square

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



6E9041



0098B1



8F79C7



CC695B

# Rectangle

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



6E9041



00997C



8F79C7



CA648F



# Sweetspot

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



6E9041



ADBA9C



906241



575E4C



DEDEDE



5E5E5E



# Same Dimension

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



6E9041



85BA3F



489041



444740



4D8700



040800



# Inverse Universe

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



634190



743FBA



894190



434047



3A0087



030008



# Previews

## White Background



This preview shows how the Hex color 6E9041 looks on a white background.

## Color Contrast Check

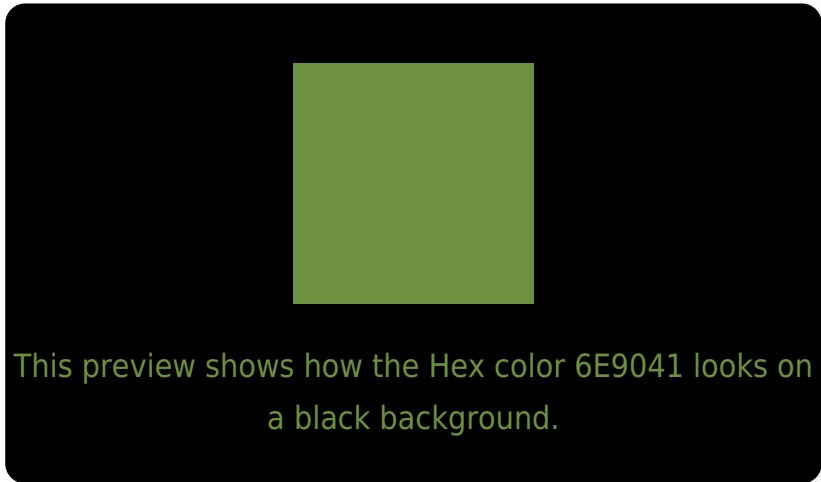
Large Text (above 18pt) WCAG AA ✓ Pass

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

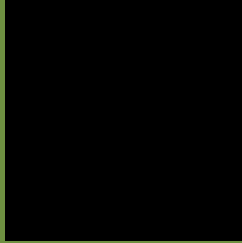
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E9041 Background



This preview shows how black text looks on a background with the Hex color 6E9041.



This preview shows how white text looks on a background with the Hex color 6E9041.

# 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**  
798792

# Trichromacy



**Original Color**  
6E9041

**Protanomaly**  
86893F

**Deuteranomaly**  
908544

**Tritanomaly**  
758A75

# Monochromacy



**Original Color**  
6E9041

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
788467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9041 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 #6E9041 looks like.

```
.text, #text, p{  
    color:#6E9041  
}
```

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 #6E9041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9041
}
```

## Border

The CSS property to change the border of an element to Hex 6E9041 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
#6E9041 }
```

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

```
.border{ border-color:#6E9041 }
```

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

Here you see how a box with a 4 pixel #6E9041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9041; -webkit-box-shadow:4px 4px  
4px 4px #6E9041; box-shadow:4px 4px 4px  
4px #6E9041 }
```

# Background

The CSS property to change the background color of an element to Hex 6E9041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9041 }
```

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

```
.background{ background-color:#6E9041 }
```

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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