

# Converting Colors

Decimal(7049526)

Have a look what the booklet for  
Decimal(7049526) contains.

<b>Decimal(7049526)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7049526)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B9136
RGB	107, 145, 54
RGB Percent	42%, 57%, 21%
CMY	0.5804, 0.4314, 0.7882
CMYK	0.26, 0.00, 0.63, 0.43
HSL	85°, 46%, 39%
HSV	85°, 63%, 57%
XYZ	16.8547, 23.6429, 7.1652
YIQ	123.2640, 6.5630, -36.3570

# Conversions

## Conversions Part 2

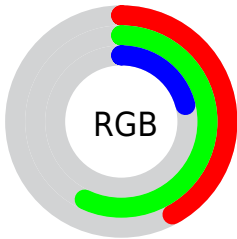
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 145, 92
Decimal	7049526
CIELab	55.73, -28.27, 42.92
CIELCh	56, 51.395, 123.366
Yxy	23.6429, 0.3536, 0.4960
Android (android.graphics.Color)	4285239606 (0xFF6B9136)
YUV	123.2640, -34.1472, -14.2635
Hunter-Lab	48.6240, -23.2181, 25.2998

# Details

The Decimal color **7049526** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6043281**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **10602345**, and **3628544** is the 20% darker color. If you saturate the color by 10%, you get **6656295**, and if you desaturate by 10%, it is **7442757**.

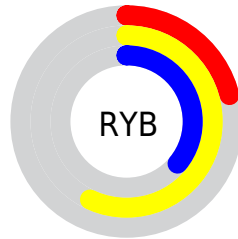
# Distribution



Red (42%)

Green (57%)

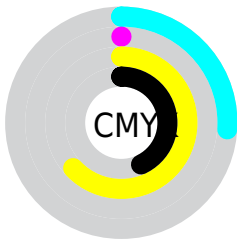
Blue (21%)



Red (21%)

Yellow (57%)

Blue (36%)

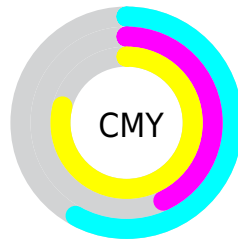


Cyan (26%)

Magenta (0%)

Yellow (63%)

Black (43%)



Cyan (58%)

Magenta (43%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7049526 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 Decimal color 7049526 by changing the saturation by 10% instead.



 7049526

 7049526

16777215

 5338908

 10602345

 3628544

 12444547

 2049536

 14286750

 12032

 16187321

 7168

 16777173

 0

 16777202

 7049526

 7049526

 6656295

 7442757

■ 6263065

■ 7835987

■ 5869835

■ 8229218

■ 5542144

■ 8622448

■ 9015679

■ 9408909

■ 9802139

■ 10195370

■ 10588601

# Harmonies

## Analogous

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



10061093



7049526



2332764

# Triad

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



7049526



38357



14048642

# Complementary

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



7049526



6043281

# 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.



12608942



7049526



2787807

# Square

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



7049526



39605



9337040



13853783

# Rectangle

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



7049526



39802



9337040



13721233



# Sweetspot

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



7049526



11451801



9526326



5594697



14606046



6184542



# Same Dimension

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



7049526



8568111



4100406



4474688



5211904



264192



# Inverse Universe

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



6043281



6959037



8992401



4407367



3670151



196616



# Previews

## White Background



This preview shows how the Decimal color 7049526 looks on a white background.

## Color Contrast Check

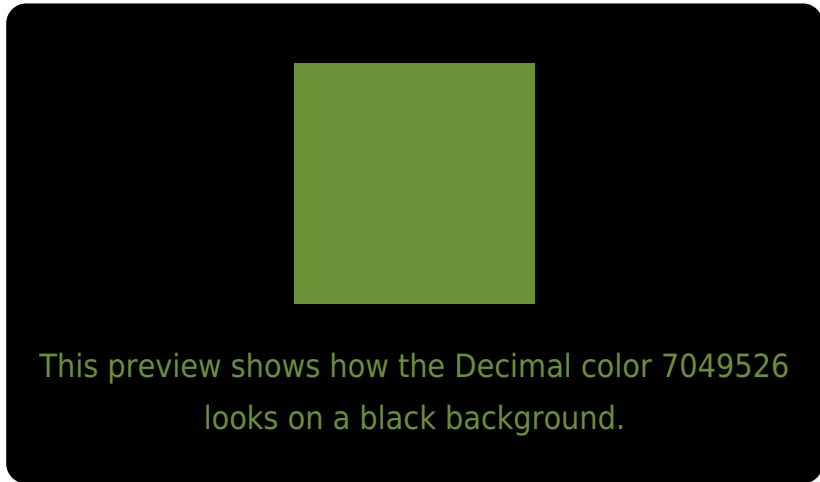
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 7049526 Background



This preview shows how black text looks on a background with the Decimal color 7049526.



This preview shows how white text looks on a background with the Decimal color 7049526.

# 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





# Trichromacy



**Original Color**  
7049526

**Protanomaly**  
8816948

**Deuteranomaly**  
9471546

**Tritanomaly**  
7572337

# Monochromacy



**Original Color**  
7049526

**Achromatopsia**  
8092539

**Achromatomaly**  
7701346

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7049526 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 #6B9136 looks like.

```
.text, #text, p{  
    color:#6B9136  
}
```

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 #6B9136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9136
}
```

## Border

The CSS property to change the border of an element to Decimal 7049526 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
#6B9136 }
```

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

```
.border{ border-color:#6B9136 }
```

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

Here you see how a box with a 4 pixel #6B9136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9136; -webkit-box-shadow:4px 4px  
4px 4px #6B9136; box-shadow:4px 4px 4px  
4px #6B9136 }
```

# Background

The CSS property to change the background color of an element to Decimal 7049526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9136 }
```

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

```
.background{ background-color:#6B9136 }
```

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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