

# Converting Colors

Decimal(9476429)

Have a look what the booklet for  
Decimal(9476429) contains.

<b>Decimal(9476429)</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(9476429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90994D
RGB	144, 153, 77
RGB Percent	56%, 60%, 30%
CMY	0.4353, 0.4000, 0.6980
CMYK	0.06, 0.00, 0.50, 0.40
HSL	67°, 33%, 45%
HSV	67°, 50%, 60%
XYZ	24.2324, 29.2476, 11.3893
YIQ	141.6450, 19.0320, -25.5440

# Conversions

## Conversions Part 2

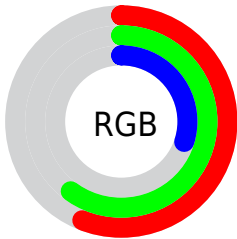
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 153, 86</a>
Decimal	<a href="#">9476429</a>
CIELab	<a href="#">61.00, -14.85, 38.52</a>
CIELCh	<a href="#">61, 41.286, 111.078</a>
Yxy	<a href="#">29.2476, 0.3736, 0.4509</a>
Android (android.graphics.Color)	<a href="#">4287666509 (0xFF90994D)</a>
YUV	<a href="#">141.6450, -31.8700, 2.0653</a>
Hunter-Lab	<a href="#">54.0810, -14.6603, 25.3704</a>

# Details

The Decimal color **9476429** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5655961**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **13094784**, and **6055452** is the 20% darker color. If you saturate the color by 10%, you get **9345342**, and if you desaturate by 10%, it is **9607516**.

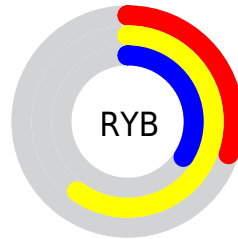
# Distribution



Red (56%)

Green (60%)

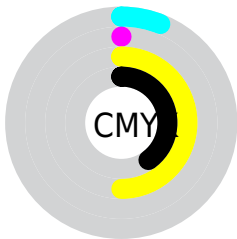
Blue (30%)



Red (30%)

Yellow (60%)

Blue (34%)

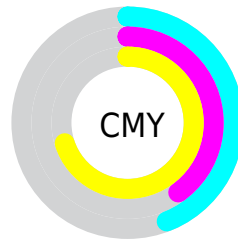


Cyan (6%)

Magenta (0%)

Yellow (50%)

Black (40%)



Cyan (44%)

Magenta (40%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9476429 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 9476429 by changing the saturation by 10% instead.



 9476429

 9476429

16777215

 7700277

 13094784

 6055452

 15002522

 4410881


 16777142

 2832128

 16777170

 1253888

 16777198

 1792

 0

 9476429

 9476429

 9345342

 9607516

■ 9214254

■ 9738604

■ 9148703

■ 9804155

■ 9017616

■ 9935242

■ 8886529

■ 10066330

■ 8886528

■ 10197417

■ 10328504

■ 10394055

■ 10525143

# Harmonies

## Analogous

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



11767114



9476429



6660452

# Triad

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



9476429



41675



13792928

# Complementary

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



9476429



5655961

# 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.



11960513



9476429



3971803

# Square

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



9476429



42668



8818391



14251899

# Rectangle

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



9476429



4367482



8818391



13334956



# Sweetspot

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



9476429



12830633



10049101



6382418



14935011



6513507



# Same Dimension

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



9476429



12175184



6986061



5000517



8162304



724224



# Inverse Universe

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



5655961



6181063



8146329



4605261



1114252



131085



# Previews

## White Background



This preview shows how the Decimal color 9476429 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



This preview shows how the Decimal color 9476429 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

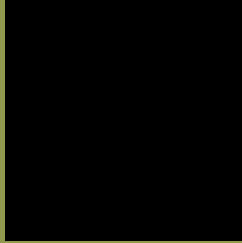
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9476429 Background



This preview shows how black text looks on a background with the Decimal color 9476429.



This preview shows how white text looks on a background with the Decimal color 9476429.

# 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**  
10064028

# Trichromacy



**Original Color**  
9476429

**Protanomaly**  
10196300

**Deuteranomaly**  
10981711

**Tritanomaly**  
9868159

# Monochromacy



**Original Color**  
9476429

**Achromatopsia**  
9342606

**Achromatomaly**  
9409142

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9476429 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 #90994D looks like.

```
.text, #text, p{  
    color:#90994D  
}
```

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 #90994D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90994D
}
```

## Border

The CSS property to change the border of an element to Decimal 9476429 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
#90994D }
```

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

```
.border{ border-color:#90994D }
```

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

Here you see how a box with a 4 pixel #90994D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90994D; -webkit-box-shadow:4px 4px  
4px 4px #90994D; box-shadow:4px 4px 4px  
4px #90994D }
```

# Background

The CSS property to change the background color of an element to Decimal 9476429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90994D }
```

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

```
.background{ background-color:#90994D }
```

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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