

# Converting Colors

Decimal(4357210)

Have a look what the booklet for  
Decimal(4357210) contains.

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# Color

**Decimal(4357210)**

# Conversions

## Conversions Part 1

Format	Color
Hex	427C5A
RGB	66, 124, 90
RGB Percent	26%, 49%, 35%
CMY	0.7412, 0.5137, 0.6471
CMYK	0.47, 0.00, 0.27, 0.51
HSL	145°, 31%, 37%
HSV	145°, 47%, 49%
XYZ	11.2999, 16.3117, 12.2258
YIQ	102.7820, -23.6540, -22.8700

# Conversions

## Conversions Part 2

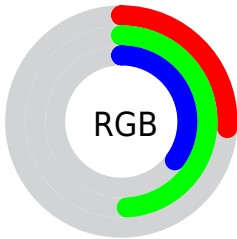
Format	Color
<b>RYB</b>	66, 107, 124
Decimal	4357210
CIELab	47.38, -27.34, 12.79
CIElCh	47, 30.181, 154.926
Yxy	16.3117, 0.2837, 0.4095
Android (android.graphics.Color)	4282547290 (0xFF427C5A)
YUV	102.7820, -6.3015, -32.2578
Hunter-Lab	40.3878, -20.7371, 10.3238

# Details

The Decimal color **4357210** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8143460**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **7713164**, and **805676** is the 20% darker color. If you saturate the color by 10%, you get **3570771**, and if you desaturate by 10%, it is **5143649**.

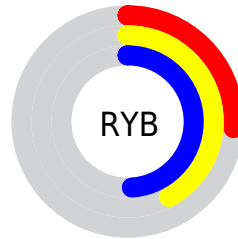
# Distribution



Red (26%)

Green (49%)

Blue (35%)



Red (26%)

Yellow (42%)

Blue (49%)

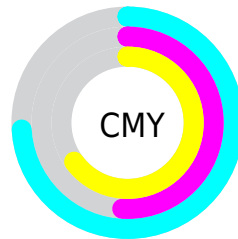


Cyan (47%)

Magenta (0%)

Yellow (27%)

Black (51%)



Cyan (74%)

Magenta (51%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4357210 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 4357210 by changing the saturation by 10% instead.



 4357210

 4357210

16777215

 2712386

 7713164

 805676

 9489831

 13079

 11266498

 8192

 13107166

 0

 14942202

 4357210

 4357210

 3570771

 5143649

 2718795

 5995625

■ 1932356

■ 6782064

■ 1080381

■ 7634039

■ 293942

■ 8420478

■ 31795

■ 9206918

■ 10058893

■ 10845332

■ 11697307

# Harmonies

## Analogous

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



6453062



4357210



1539700

# Triad

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



4357210



5337763



10444629

# Complementary

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



4357210



8143460

# 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.



10574957



4357210



7956634

# Square

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



4357210



1866142



9724038



9594691

# Rectangle

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



4357210



32133



9724038



10575452



# Sweetspot

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



4357210



9085331



6650946



4477513



13750737



5395026



# Same Dimension

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



4357210



4694380



4357238



3620154



32052



64616



# Inverse Universe

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



8143460



10569595



8143432



4011835



8192073

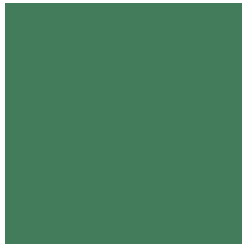


16515220



# Previews

## White Background



This preview shows how the Decimal color 4357210 looks on a white background.

## Color Contrast Check

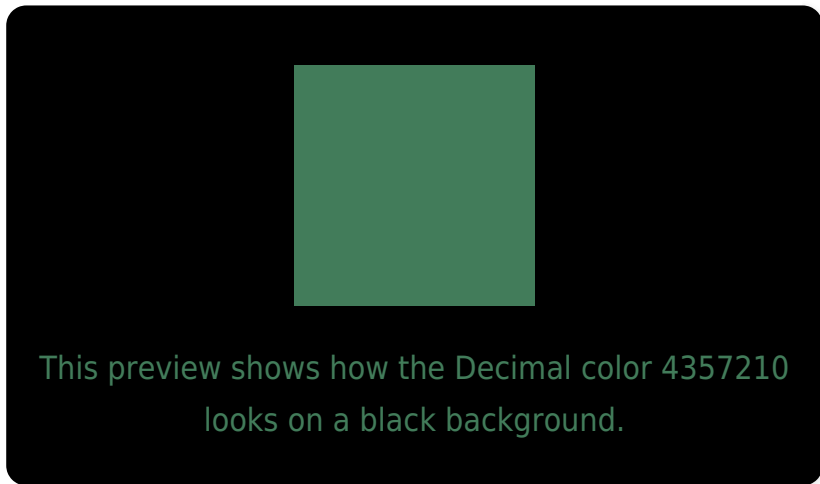
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

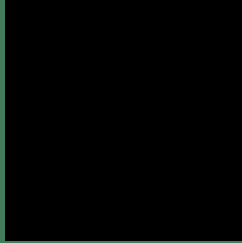
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4357210 Background



This preview shows how black text looks on a background with the Decimal color 4357210.

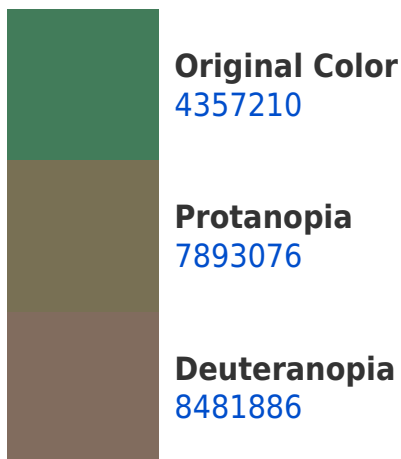


This preview shows how white text looks on a background with the Decimal color 4357210.

# 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**  
4357210

**Protanomaly**  
6583382

**Deuteranomaly**  
6976093

**Tritanomaly**  
4749683

# Monochromacy



**Original Color**  
4357210

**Achromatopsia**  
6776679

**Achromatomaly**  
5926754

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4357210 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 #427C5A looks like.

```
.text, #text, p{  
    color:#427C5A  
}
```

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 #427C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427C5A
}
```

## Border

The CSS property to change the border of an element to Decimal 4357210 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
#427C5A }
```

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

```
.border{ border-color:#427C5A }
```

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

Here you see how a box with a 4 pixel #427C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427C5A; -webkit-box-shadow:4px 4px  
4px 4px #427C5A; box-shadow:4px 4px 4px  
4px #427C5A }
```

# Background

The CSS property to change the background color of an element to Decimal 4357210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427C5A }
```

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

```
.background{ background-color:#427C5A }
```

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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