

# Converting Colors

Decimal(7436595)

Have a look what the booklet for  
Decimal(7436595) contains.

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**Color**

**Decimal(7436595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	717933
RGB	113, 121, 51
RGB Percent	44%, 47%, 20%
CMY	0.5569, 0.5255, 0.8000
CMYK	0.07, 0.00, 0.58, 0.53
HSL	67°, 41%, 34%
HSV	67°, 58%, 47%
XYZ	14.2450, 17.4245, 5.7444
YIQ	110.6280, 17.7020, -23.4660

# Conversions

## Conversions Part 2

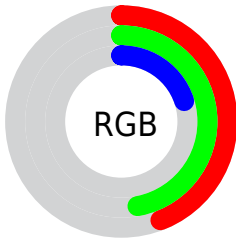
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 121, 59
Decimal	7436595
CIELab	48.79, -13.68, 36.70
CIElCh	49, 39.163, 110.444
Yxy	17.4245, 0.3807, 0.4657
Android (android.graphics.Color)	4285626675 (0xFF717933)
YUV	110.6280, -29.3966, 2.0802
Hunter-Lab	41.7426, -12.1352, 21.0606

# Details

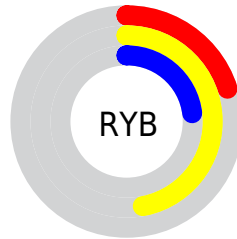
The Decimal color **7436595** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3879801**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **10923364**, and **4147457** is the 20% darker color. If you saturate the color by 10%, you get **7371047**, and if you desaturate by 10%, it is **7502143**.

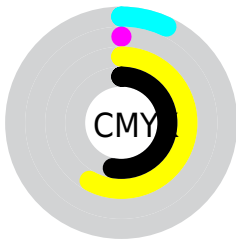
# Distribution



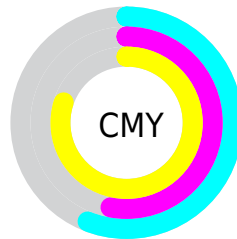
- Red (44%)
- Green (47%)
- Blue (20%)



- Red (20%)
- Yellow (47%)
- Blue (23%)



- Cyan (7%)
- Magenta (0%)
- Yellow (58%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7436595 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 7436595 by changing the saturation by 10% instead.



 7436595

 7436595

16777215

 5726235

 10923364

 4147457

 12765566

 2634240

 14673304

 859392

 16580531

 0

 16777167

 16777196

 7436595

 7436595

 7371047

 7502143

■ 7239963

■ 7633227

■ 7174415

■ 7698775

■ 7043331

■ 7829859

■ 7043328

■ 7895407

■ 7960956

■ 8092040

■ 8157588

■ 8223136

# Harmonies

## Analogous

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



9465393



7436595



4882504

# Triad

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



7436595



33446



11295104

# Complementary

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



7436595



3879801

# 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.



9593502



7436595



424885

# Square

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



7436595



34186



6647730



11688287

# Rectangle

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



7436595



2392925



6647730



10902411



# Sweetspot

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



7436595



10198659



7944755



5066559



13619151



5197647



# Same Dimension

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



7436595



9608753



5208371



4013367



7306496



14744576



# Inverse Universe

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



3879801



4010398



6108025



3684157



917629



1900796



# Previews

## White Background



This preview shows how the Decimal color 7436595 looks on a white background.

## Color Contrast Check

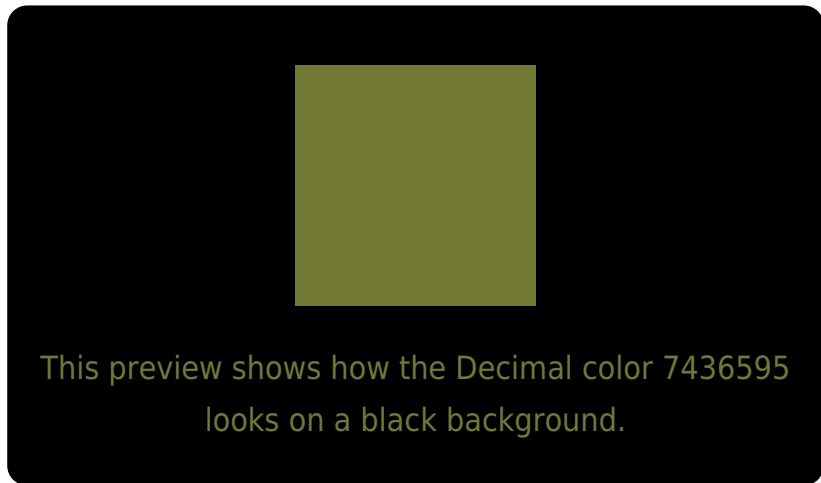
Large Text (above 18pt) WCAG AA ✓ Pass

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

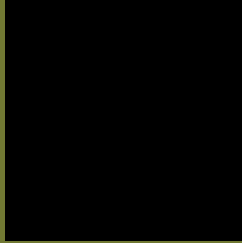
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7436595 Background



This preview shows how black text looks on a background with the Decimal color 7436595.



This preview shows how white text looks on a background with the Decimal color 7436595.

# 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**


7436595

**Protanopia**

8483889

**Deuteranopia**

9399862



**Tritanopia**  
7959163

# Trichromacy



**Original Color**  
7436595

**Protanomaly**  
8091186

**Deuteranomaly**  
8679989

**Tritanomaly**  
7763297

# Monochromacy



**Original Color**  
7436595

**Achromatopsia**  
7303023

**Achromatomaly**  
7369561

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7436595 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 #717933 looks like.

```
.text, #text, p{  
  color:#717933  
}
```

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 #717933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717933  
}
```

## Border

The CSS property to change the border of an element to Decimal 7436595 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  
#717933 }
```

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

```
.border{ border-color:#717933 }
```

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

Here you see how a box with a 4 pixel #717933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717933; -webkit-box-shadow:4px 4px  
4px 4px #717933; box-shadow:4px 4px 4px  
4px #717933 }
```

# Background

The CSS property to change the background color of an element to Decimal 7436595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717933 }
```

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

```
.background{ background-color:#717933 }
```

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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