

# Converting Colors

Decimal(6971970)

Have a look what the booklet for  
Decimal(6971970) contains.

<b>Decimal(6971970)</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(6971970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6242
RGB	106, 98, 66
RGB Percent	42%, 38%, 26%
CMY	0.5843, 0.6157, 0.7412
CMYK	0.00, 0.08, 0.38, 0.58
HSL	48°, 23%, 34%
HSV	48°, 38%, 42%
XYZ	11.2949, 12.1929, 6.9124
YIQ	96.7440, 15.0400, -8.2560

# Conversions

## Conversions Part 2

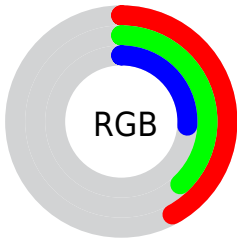
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 106, 66
Decimal	6971970
CIE Lab	41.52, -2.12, 19.39
CIE LCh	42, 19.504, 96.225
Yxy	12.1929, 0.3715, 0.4011
Android (android.graphics.Color)	4285162050 (0xFF6A6242)
YUV	96.7440, -15.1568, 8.1175
Hunter-Lab	34.9183, -3.3682, 12.7058

# Details

The Decimal color **6971970** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4344426**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **10392946**, and **3814422** is the 20% darker color. If you saturate the color by 10%, you get **6971447**, and if you desaturate by 10%, it is **6972493**.

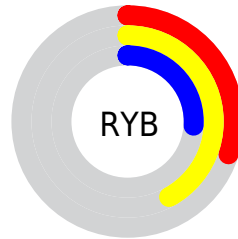
# Distribution



Red (42%)

Green (38%)

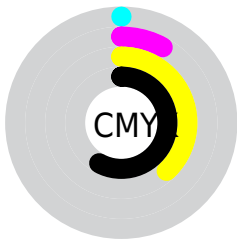
Blue (26%)



Red (30%)

Yellow (42%)

Blue (26%)

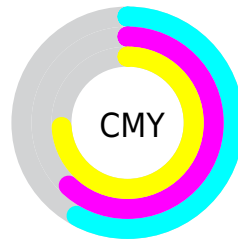


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (58%)



Cyan (58%)

Magenta (62%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6971970 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 6971970 by changing the saturation by 10% instead.





6971970



6971970

16777215



5327404



10392946



3814422



12169100



2432768



14011302



198400



15919042



0



16777182



16777210



6971970



6971970



6971447



6972493

■ 6970925

■ 6973015

■ 6970402

■ 6973538

■ 6969880

■ 6974060

■ 6969101

■ 6974839

■ 6968578

■ 6975362

■ 6968576

■ 6975884

■ 6976407

■ 6976929

# Harmonies

## Analogous

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



7888197



6971970



5793608

# Triad

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



6971970



3172980



7952495

# Complementary

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



6971970



4344426

# 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.



6905212



6971970



3958655

# Square

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



6971970



3500901



5399170



8476255

# Rectangle

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



6971970



5007696



5399170



7690612



# Sweetspot

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



6971970



9078651



6963786



4539196



12895428



4539717



# Same Dimension

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



6971970



9076044



6187586



3552304



7691776



16106496



# Inverse Universe

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



4344426



5003402



5128810



3158326



6005



12789



# Previews

## White Background



This preview shows how the Decimal color 6971970 looks on a white background.

## Color Contrast Check

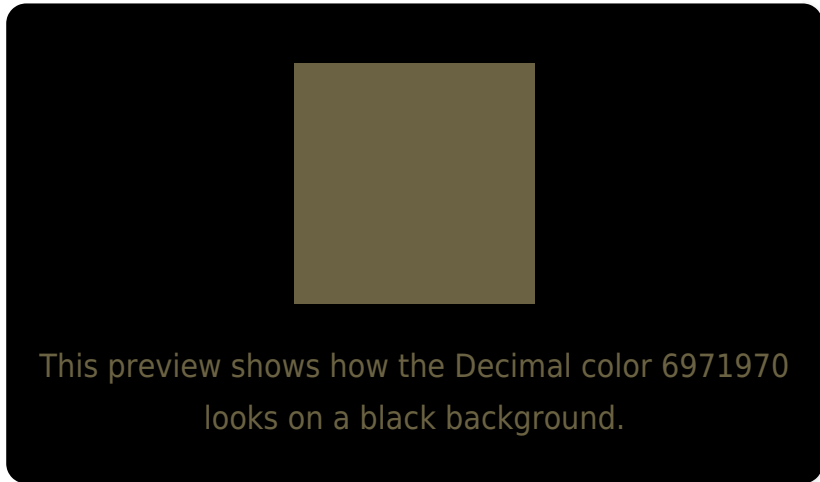
Large Text (above 18pt) WCAG AA ✓ Pass

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

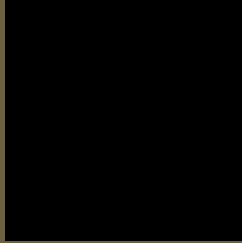
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6971970 Background



This preview shows how black text looks on a background with the Decimal color 6971970.



This preview shows how white text looks on a background with the Decimal color 6971970.

# 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**  
6971970

**Protanopia**  
6971970

**Deuteranopia**  
7691843



# Trichromacy



**Original Color**  
6971970

**Protanomaly**  
6971970

**Deuteranomaly**  
7429955

**Tritanomaly**  
7167832

# Monochromacy



**Original Color**  
6971970

**Achromatopsia**  
6381921

**Achromatomaly**  
6578518

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6971970 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 #6A6242 looks like.

```
.text, #text, p{  
    color:#6A6242  
}
```

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 #6A6242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6242
}
```

## Border

The CSS property to change the border of an element to Decimal 6971970 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".

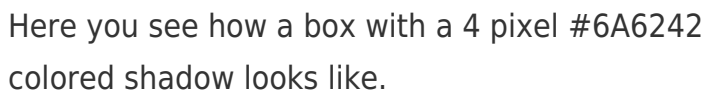
```
.border, #border, table{ border:4px solid
#6A6242 }
```

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

```
.border{ border-color:#6A6242 }
```

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

Here you see how a box with a 4 pixel #6A6242 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6242; -webkit-box-shadow:4px 4px  
4px 4px #6A6242; box-shadow:4px 4px 4px  
4px #6A6242 }
```

# Background

The CSS property to change the background color of an element to Decimal 6971970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6242 }
```

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

```
.background{ background-color:#6A6242 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor