

# Converting Colors

Decimal(6955531)

Have a look what the booklet for  
Decimal(6955531) contains.

<b>Decimal(6955531)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6955531)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A220B
RGB	106, 34, 11
RGB Percent	42%, 13%, 4%
CMY	0.5843, 0.8667, 0.9569
CMYK	0.00, 0.68, 0.90, 0.58
HSL	15°, 81%, 23%
HSV	15°, 90%, 42%
XYZ	6.5763, 4.2324, 0.7869
YIQ	52.9060, 50.2950, 8.1110

# Conversions

## Conversions Part 2

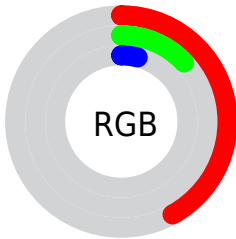
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 41, 11
Decimal	6955531
CIELab	24.43, 31.02, 30.86
CIELCh	24, 43.753, 44.849
Yxy	4.2324, 0.5671, 0.3650
Android (android.graphics.Color)	4285145611 (0xFF6A220B)
YUV	52.9060, -20.6597, 46.5634
Hunter-Lab	20.5728, 21.0570, 12.1330

# Details

The Decimal color **6955531** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **742250**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **10703415**, and **3407872** is the 20% darker color. If you saturate the color by 10%, you get **6953472**, and if you desaturate by 10%, it is **6957590**.

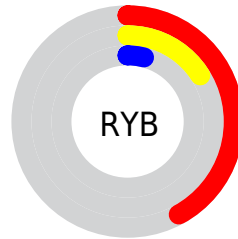
# Distribution



Red (42%)

Green (13%)

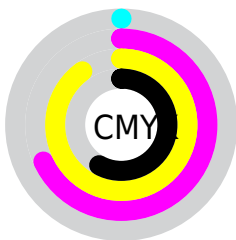
Blue (4%)



Red (42%)

Yellow (16%)

Blue (4%)

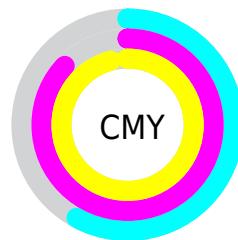


Cyan (0%)

Magenta (68%)

Yellow (90%)

Black (58%)



Cyan (58%)

Magenta (87%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6955531 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 6955531 by changing the saturation by 10% instead.



 6955531

 6955531


 16777197

 5179392

 10703415

 3407872

 12610382

 1114112

 14583143

 0

 16556160

 16759706

 16766901

 16774353

 6955531

 6955531

■ 6953472

■ 6957590

■ 6959648

■ 6961707

■ 6963765

■ 6965824

■ 6967883

■ 6969941

■ 6972000

■ 6974058

# Harmonies

## Analogous

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



7541035



6955531



5648896

# Triad

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



695531



18216



14714

# Complementary

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



695531



742250

# 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.



17274



695531



18506

# Square

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



695531



803843



18280



5187689

# Rectangle

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



6955531



4471296



18280



15740



# Sweetspot

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



6955531



9072229



6949716



4535343



12895428



4539717



# Same Dimension

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



6955531



9052416



6967563



3551536



7674880



16071424



# Inverse Universe

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



742250



26762



730218



3159094



22901

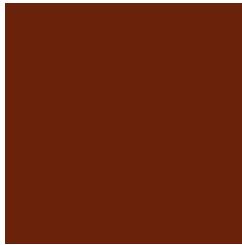


47861



# Previews

## White Background



This preview shows how the Decimal color 6955531 looks on a white background.

## Color Contrast Check

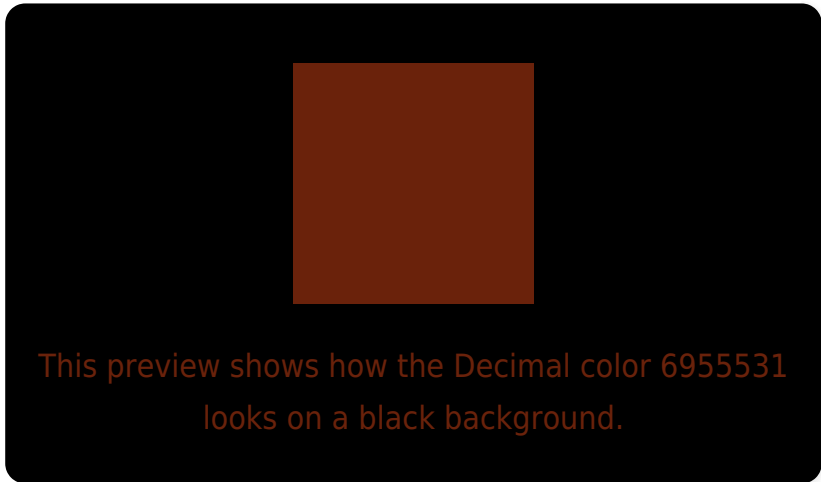
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 6955531 Background



This preview shows how black text looks on a background with the Decimal color 6955531.



This preview shows how white text looks on a background with the Decimal color 6955531.

# 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**  
6955531

**Protanopia**  
4406289

**Deuteranopia**  
4929536



# Trichromacy



**Original Color**  
6955531

**Protanomaly**  
5321487

**Deuteranomaly**  
5648388

**Tritanomaly**  
7020825

# Monochromacy



**Original Color**  
6955531

**Achromatopsia**  
3487029

**Achromatomaly**  
4730406

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6955531 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 #6A220B looks like.

```
.text, #text, p{  
    color:#6A220B  
}
```

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 #6A220B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A220B
}
```

## Border

The CSS property to change the border of an element to Decimal 6955531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

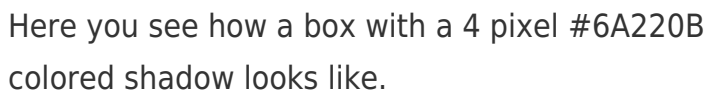
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A220B }
```

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

```
.border{ border-color:#6A220B }
```

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



Here you see how a box with a 4 pixel #6A220B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A220B; -webkit-box-shadow:4px 4px  
4px 4px #6A220B; box-shadow:4px 4px 4px  
4px #6A220B }
```

# Background

The CSS property to change the background color of an element to Decimal 6955531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A220B }
```

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

```
.background{ background-color:#6A220B }
```

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