

# Converting Colors

Decimal(8868362)

Have a look what the booklet for  
Decimal(8868362) contains.

<b>Decimal(8868362)</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(8868362)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87520A
RGB	135, 82, 10
RGB Percent	53%, 32%, 4%
CMY	0.4706, 0.6784, 0.9608
CMYK	0.00, 0.39, 0.93, 0.47
HSL	35°, 86%, 28%
HSV	35°, 93%, 53%
XYZ	13.0638, 11.2074, 1.7619
YIQ	89.6390, 54.7000, -11.1560

# Conversions

## Conversions Part 2

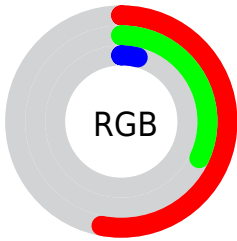
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 135, 10
Decimal	8868362
CIELab	39.93, 16.97, 45.84
CIElCh	40, 48.880, 69.687
Yxy	11.2074, 0.5018, 0.4305
Android (android.graphics.Color)	4287058442 (0xFF87520A)
YUV	89.6390, -39.2620, 39.7816
Hunter-Lab	33.4775, 11.0697, 20.3139

# Details

The Decimal color **8868362** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **671623**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **12682302**, and **5252352** is the 20% darker color. If you saturate the color by 10%, you get **8867328**, and if you desaturate by 10%, it is **8869911**.

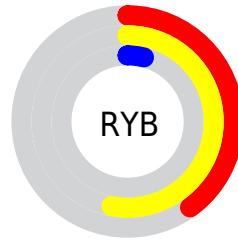
# Distribution



Red (53%)

Green (32%)

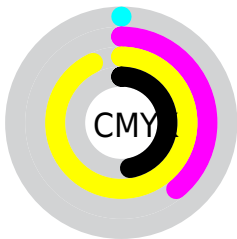
Blue (4%)



Red (40%)

Yellow (53%)

Blue (4%)

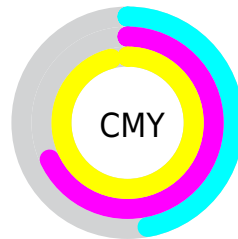


Cyan (0%)

Magenta (39%)

Yellow (93%)

Black (47%)



Cyan (47%)

Magenta (68%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8868362 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 8868362 by changing the saturation by 10% instead.





8868362



8868362



16777211



7027456



12682302



5252352



14655063



3477504



16628081



1966081



16766091



0



16773542



16777153



16777182



8868362



8868362

■ 8867328

■ 8869911

■ 8871205

■ 8872754

■ 8874304

■ 8875854

■ 8877147

■ 8878697

■ 8880246

■ 8881796

# Harmonies

## Analogous

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



10371373



8868362



6643712

# Triad

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



8868362



29034



7359900

# Complementary

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



8868362



671623

# 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.



941741



8868362



28560

# Square

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



8868362



28481



27305



9911419

# Rectangle

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



8868362



4876045



27305



6050980



# Sweetspot

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



8868362



11574143



8849984



5852219



14277081



5855577



# Same Dimension

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



8868362



11560192



8357642



4341564



8538880



196864



# Inverse Universe

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



671623



19376



1182343



3948098



14210

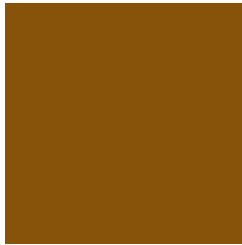


259



# Previews

## White Background



This preview shows how the Decimal color 8868362 looks on a white background.

## Color Contrast Check

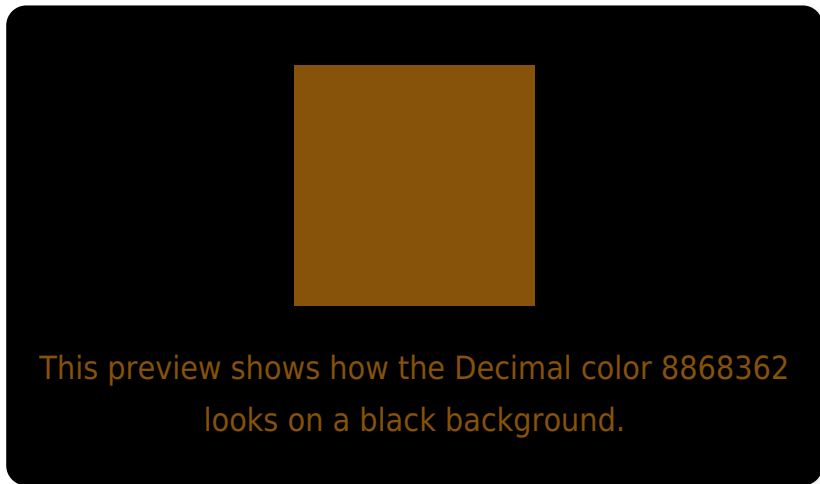
Large Text (above 18pt) WCAG AA ✓ Pass

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 8868362 Background



This preview shows how black text looks on a background with the Decimal color 8868362.



This preview shows how white text looks on a background with the Decimal color 8868362.

# 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**  
8868362

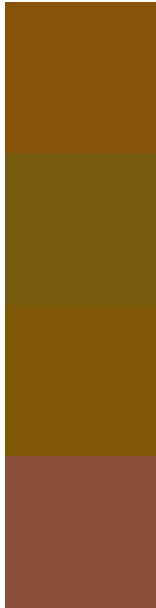
**Protanopia**  
7036686

**Deuteranopia**  
7887360



**Tritanopia**  
9063506

# Trichromacy



**Original Color**  
8868362

**Protanomaly**  
7690765

**Deuteranomaly**  
8214276

**Tritanomaly**  
8998456

# Monochromacy



**Original Color**  
8868362

**Achromatopsia**  
5921370

**Achromatomaly**  
6969149

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8868362 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 #87520A looks like.

```
.text, #text, p{  
    color:#87520A  
}
```

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 #87520A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87520A
}
```

## Border

The CSS property to change the border of an element to Decimal 8868362 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
#87520A }
```

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

```
.border{ border-color:#87520A }
```

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

Here you see how a box with a 4 pixel #87520A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87520A; -webkit-box-shadow:4px 4px  
4px 4px #87520A; box-shadow:4px 4px 4px  
4px #87520A }
```

# Background

The CSS property to change the background color of an element to Decimal 8868362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87520A }
```

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

```
.background{ background-color:#87520A }
```

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