

# Converting Colors

Decimal(6361362)

Have a look what the booklet for  
Decimal(6361362) contains.

<b>Decimal(6361362)</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(6361362)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	611112
RGB	97, 17, 18
RGB Percent	38%, 7%, 7%
CMY	0.6196, 0.9333, 0.9294
CMYK	0.00, 0.82, 0.81, 0.62
HSL	359°, 70%, 22%
HSV	359°, 82%, 38%
XYZ	5.2394, 2.9860, 0.8725
YIQ	41.0340, 47.3590, 17.2710

# Conversions

## Conversions Part 2

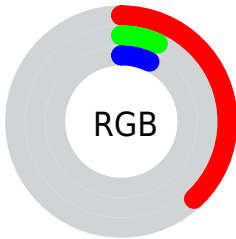
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 17, 18
Decimal	6361362
CIELab	19.99, 35.17, 21.98
CIELCh	20, 41.476, 32.005
Yxy	2.9860, 0.5759, 0.3282
Android (android.graphics.Color)	4284551442 (0xFF611112)
YUV	41.0340, -11.3558, 49.0822
Hunter-Lab	17.2799, 23.8826, 9.1024

# Details

The Decimal color **6361362** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1139040**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **10044476**, and **3014658** is the 20% darker color. If you saturate the color by 10%, you get **6358792**, and if you desaturate by 10%, it is **6363932**.

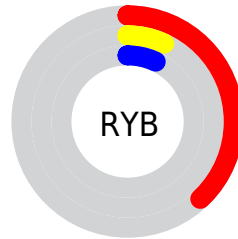
# Distribution



Red (38%)

Green (7%)

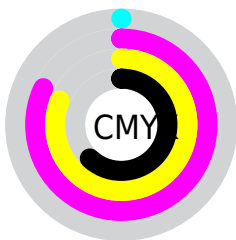
Blue (7%)



Red (38%)

Yellow (7%)

Blue (7%)

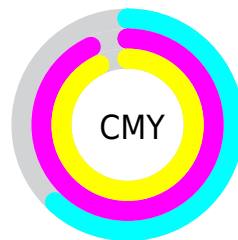


Cyan (0%)

Magenta (82%)

Yellow (81%)

Black (62%)



Cyan (62%)

Magenta (93%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6361362 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 6361362 by changing the saturation by 10% instead.



 6361362

 6361362

 16777202

 4587520

 10044476

 3014658

 11951443

 0

 13924204

 15896965

 16755871

 16763066

 16770262

 6361362

 6361362

■ 6358792

■ 6363932

■ 6356993

■ 6366245

■ 6368815

■ 6371384

■ 6373954

■ 6376267

■ 6378837

■ 6381407

■ 6383720

# Harmonies

## Analogous

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



6554672



6361362



5382912

# Triad

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



6361362



15121



13422

# Complementary

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



6361362



1139040

# 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.



15206



6361362



15666

# Square

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



6361362



1914624



15696



3090276

# Rectangle

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



6361362



4402176



15696



14189



# Sweetspot

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



6361362



8216158



6295905



4205869



12566463



4210752



# Same Dimension

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



6361362



8192259



6371345



3157036



7340033



15728643



# Inverse Universe

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



6361362



8192259



1129057



3157036



7340033

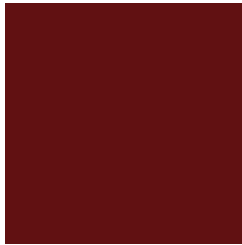


15728643



# Previews

## White Background



This preview shows how the Decimal color 6361362 looks on a white background.

## Color Contrast Check

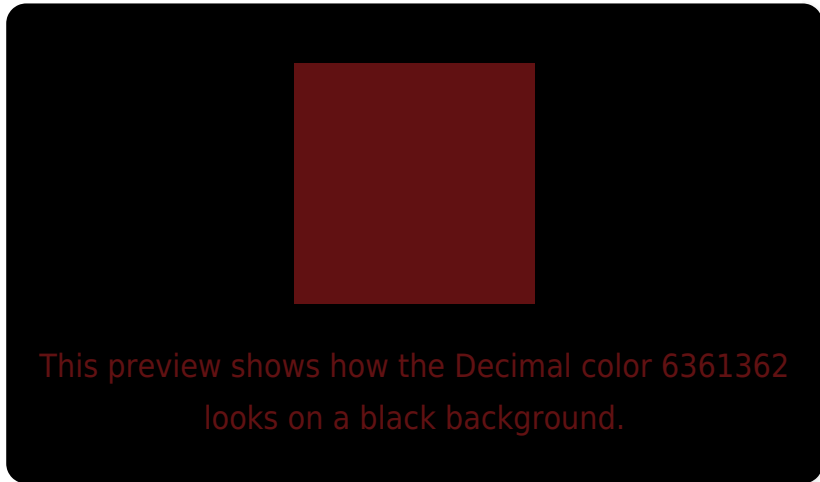
Large Text (above 18pt) WCAG AA ✓ Pass

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 6361362 Background



This preview shows how black text looks on a background with the Decimal color 6361362.

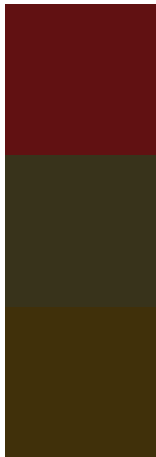


This preview shows how white text looks on a background with the Decimal color 6361362.

# 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**  
6361362

**Protanopia**  
3683099

**Deuteranopia**  
4206602



**Tritanopia**  
6361361

# Trichromacy



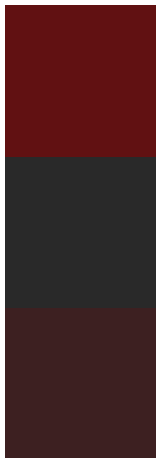
**Original Color**  
6361362

**Protanomaly**  
4663064

**Deuteranomaly**  
4990221

**Tritanomaly**  
6361361

# Monochromacy



**Original Color**  
6361362

**Achromatopsia**  
2697513

**Achromatomaly**  
4005921

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6361362 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 #611112 looks like.

```
.text, #text, p{  
    color:#611112  
}
```

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 #611112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #611112
}
```

## Border

The CSS property to change the border of an element to Decimal 6361362 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".

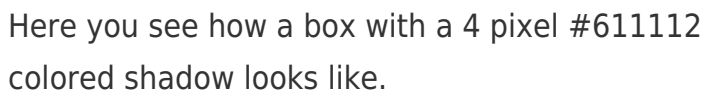
```
.border, #border, table{ border:4px solid
#611112 }
```

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

```
.border{ border-color:#611112 }
```

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

Here you see how a box with a 4 pixel #611112 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #611112 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #611112; -webkit-box-shadow:4px 4px  
4px 4px #611112; box-shadow:4px 4px 4px  
4px #611112 }
```

# Background

The CSS property to change the background color of an element to Decimal 6361362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#611112 }
```

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

```
.background{ background-color:#611112 }
```

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