

# Converting Colors

Decimal(7547145)

Have a look what the booklet for  
Decimal(7547145) contains.

<b>Decimal(7547145)</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> .....	28

**Color**

**Decimal(7547145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	732909
RGB	115, 41, 9
RGB Percent	45%, 16%, 4%
CMY	0.5490, 0.8392, 0.9647
CMYK	0.00, 0.64, 0.92, 0.55
HSL	18°, 85%, 24%
HSV	18°, 92%, 45%
XYZ	7.9125, 5.2504, 0.8548
YIQ	59.4780, 54.3760, 5.7360

# Conversions

## Conversions Part 2

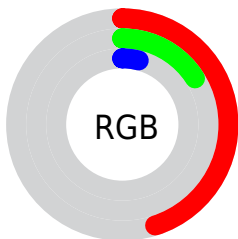
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 55, 9
Decimal	7547145
CIE Lab	27.44, 31.09, 35.08
CIE LCh	27, 46.875, 48.445
Yxy	5.2504, 0.5645, 0.3746
Android (android.graphics.Color)	4285737225 (0xFF732909)
YUV	59.4780, -24.8857, 48.6928
Hunter-Lab	22.9138, 21.5394, 13.8278

# Details

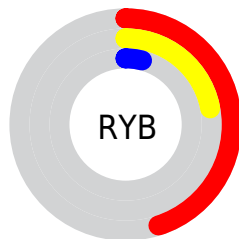
The Decimal color **7547145** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **611187**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **11360567**, and **3866624** is the 20% darker color. If you saturate the color by 10%, you get **7545600**, and if you desaturate by 10%, it is **7549204**.

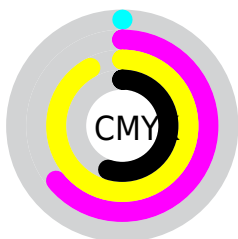
# Distribution



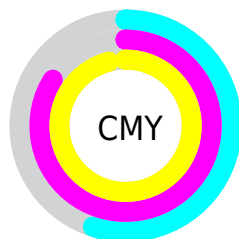
- Red (45%)
- Green (16%)
- Blue (4%)



- Red (45%)
- Yellow (22%)
- Blue (4%)



- Cyan (0%)
- Magenta (64%)
- Yellow (92%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7547145 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 7547145 by changing the saturation by 10% instead.



 7547145

 7547145

 16777197

 5705728

 11360567

 3866624

 13267790

 2228225

 15240551

 0

 16754816

 16761754

 16768949

 16776401

 7547145

 7547145

■ 7545600

■ 7549204

■ 7551264

■ 7553323

■ 7555383

■ 7557443

■ 7559502

■ 7561562

■ 7563621

■ 7565681

# Harmonies

## Analogous

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



8328749



7547145



6044160

# Triad

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



7547145



20529



1326470

# Complementary

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



7547145



611187

# 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.



18824



7547145



20567

# Square

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



7547145



85001



20342



6105969

# Rectangle

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



7547145



4670208



20342



17033



# Sweetspot

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



7547145



9861484



7539027



5061170



13421772



5066061



# Same Dimension

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



7547145



9841920



7560713



3880757



8004864



16403200



# Inverse Universe

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



611187



27030



597619



3488059



21882



44794



# Previews

## White Background



This preview shows how the Decimal color 7547145 looks on a white background.

## Color Contrast Check

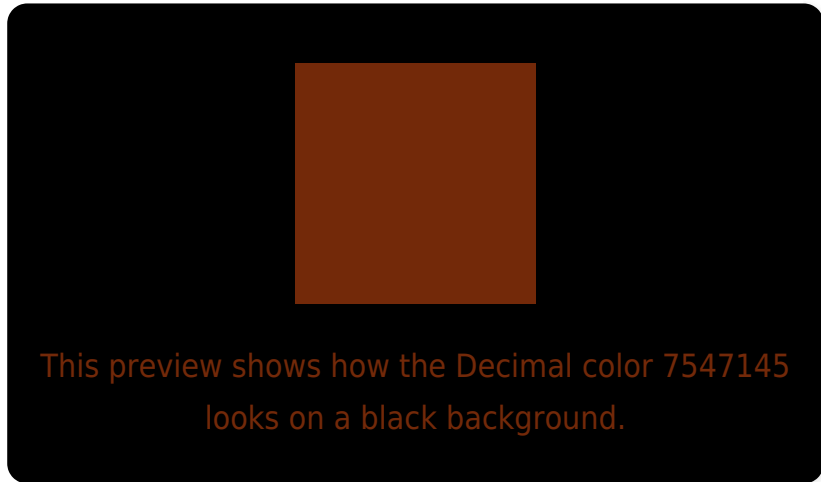
Large Text (above 18pt) WCAG AA ✓ Pass

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 7547145 Background



This preview shows how black text looks on a background with the Decimal color 7547145.



This preview shows how white text looks on a background with the Decimal color 7547145.

# 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**  
7547145

**Protanopia**  
4866576

**Tritanopia**  
7611944

# Trichromacy



**Original Color**  
7547145

**Protanomaly**  
5847309

**Tritanomaly**  
7612189

# Monochromacy



**Original Color**  
7547145

**Achromatopsia**  
3881787

**Achromatomaly**  
5190697

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7547145 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 #732909 looks like.

```
.text, #text, p{  
    color:#732909  
}
```

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 #732909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732909
}
```

## Border

The CSS property to change the border of an element to Decimal 7547145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

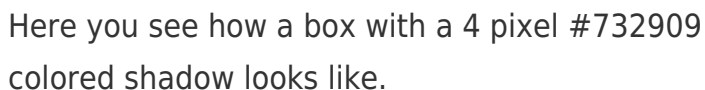
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732909 }
```

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

```
.border{ border-color:#732909 }
```

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



Here you see how a box with a 4 pixel #732909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732909; -webkit-box-shadow:4px 4px  
4px 4px #732909; box-shadow:4px 4px 4px  
4px #732909 }
```

# Background

The CSS property to change the background color of an element to Decimal 7547145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732909 }
```

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

```
.background{ background-color:#732909 }
```

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