

# Converting Colors

Decimal(7494178)

Have a look what the booklet for  
Decimal(7494178) contains.

<b>Decimal(7494178)</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(7494178)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	725A22
RGB	114, 90, 34
RGB Percent	45%, 35%, 13%
CMY	0.5529, 0.6471, 0.8667
CMYK	0.00, 0.21, 0.70, 0.55
HSL	42°, 54%, 29%
HSV	42°, 70%, 45%
XYZ	10.8843, 11.0052, 3.0639
YIQ	90.7920, 32.2800, -12.3280

# Conversions

## Conversions Part 2

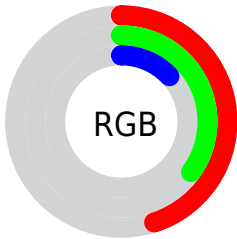
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 114, 34
Decimal	7494178
CIELab	39.59, 3.20, 35.01
CIELCh	40, 35.157, 84.784
Yxy	11.0052, 0.4362, 0.4410
Android (android.graphics.Color)	4285684258 (0xFF725A22)
YUV	90.7920, -27.9985, 20.3534
Hunter-Lab	33.1741, 0.5106, 17.7459

# Details

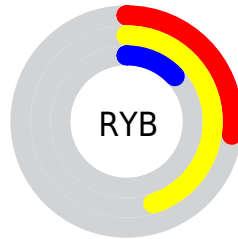
The Decimal color **7494178** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2243186**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **11045969**, and **4140288** is the 20% darker color. If you saturate the color by 10%, you get **7493399**, and if you desaturate by 10%, it is **7494957**.

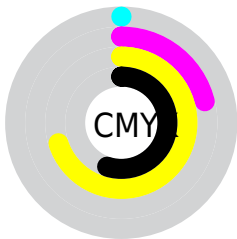
# Distribution



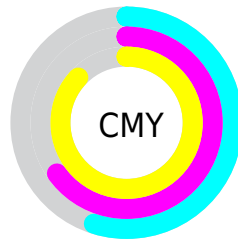
- Red (45%)
- Green (35%)
- Blue (13%)



- Red (27%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (70%)
- Black (55%)



- Cyan (55%)
- Magenta (65%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7494178 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 7494178 by changing the saturation by 10% instead.





7494178



7494178

16777215



5784330



11045969



4140288



12953194



2496512



14795140



262144



16768414



0



16775866



16777174



16777202



7494178



7494178

■ 7493399

■ 7494957

■ 7492363

■ 7495993

■ 7491584

■ 7496772

■ 7497808

■ 7498587

■ 7499622

■ 7500402

■ 7501181

■ 7502217

# Harmonies

## Analogous

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



8867631



7494178



5661479

# Triad

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



7494178



27508



8146047

# Complementary

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



7494178



2243186

# 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.



5724305



7494178



26763

# Square

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



7494178



27479



942742



9389411

# Rectangle

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



7494178



4220723



942742



7426182



# Sweetspot

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



7494178



9735029



7479866



4867127



13224393



4868682



# Same Dimension

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



7494178



9727768



6451746



3683890



7885824



16231680



# Inverse Universe

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



2243186



1588628



3285618



3290168



9336



19191



# Previews

## White Background



This preview shows how the Decimal color 7494178 looks on a white background.

## Color Contrast Check

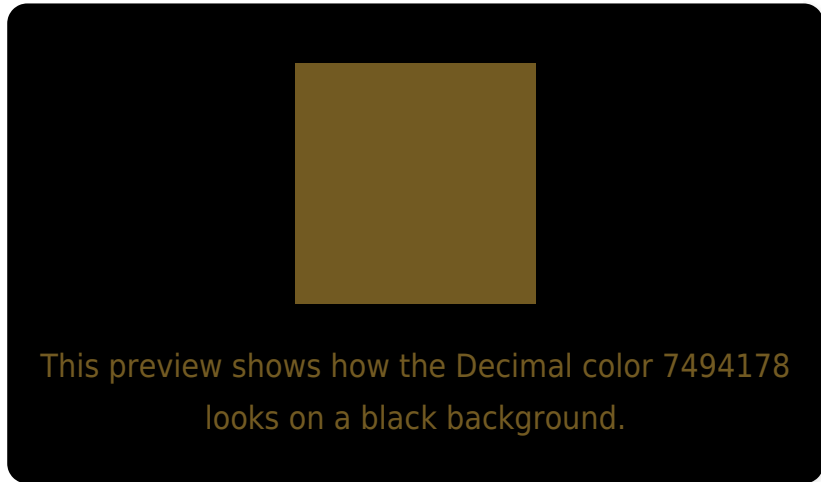
Large Text (above 18pt) WCAG AA ✓ Pass

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 7494178 Background



This preview shows how black text looks on a background with the Decimal color 7494178.



This preview shows how white text looks on a background with the Decimal color 7494178.

# 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**  
7494178

**Protanopia**  
6839843

**Deuteranopia**  
7690530



**Tritanopia**  
7754843

# Trichromacy



**Original Color**  
7494178

**Protanomaly**  
7101731

**Deuteranomaly**  
7624994

**Tritanomaly**  
7689798

# Monochromacy



**Original Color**  
7494178

**Achromatopsia**  
5987163

**Achromatomaly**  
6511430

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7494178 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 #725A22 looks like.

```
.text, #text, p{  
  color:#725A22  
}
```

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 #725A22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725A22
}
```

## Border

The CSS property to change the border of an element to Decimal 7494178 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
#725A22 }
```

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

```
.border{ border-color:#725A22 }
```

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

Here you see how a box with a 4 pixel #725A22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725A22; -webkit-box-shadow:4px 4px  
4px 4px #725A22; box-shadow:4px 4px 4px  
4px #725A22 }
```

# Background

The CSS property to change the background color of an element to Decimal 7494178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725A22 }
```

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

```
.background{ background-color:#725A22 }
```

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