

Converting Colors

Decimal(13794095)

Have a look what the booklet for
Decimal(13794095) contains.

Decimal(13794095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13794095)

Conversions

Conversions Part 1

Format	Color
Hex	D27B2F
RGB	210, 123, 47
RGB Percent	82%, 48%, 18%
CMY	0.1765, 0.5176, 0.8157
CMYK	0.00, 0.41, 0.78, 0.18
HSL	28°, 64%, 50%
HSV	28°, 78%, 82%
XYZ	34.1744, 28.0728, 6.3067
YIQ	140.3490, 76.2480, -5.1920

Conversions

Conversions Part 2

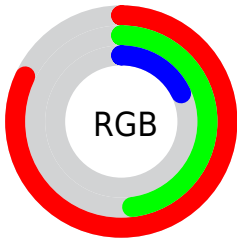
Format	Color
R_{YB}	210, 189, 47
Decimal	13794095
CIE _{Lab}	59.95, 28.15, 53.57
CIE _{LCh}	60, 60.520, 62.279
Yxy	28.0728, 0.4985, 0.4095
Android (android.graphics.Color)	4291984175 (0xFFD27B2F)
YUV	140.3490, -46.0211, 61.0839
Hunter-Lab	52.9838, 22.4105, 30.0313

Details

The Decimal color **13794095** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **3114706**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **16756834**, and **9849088** is the 20% darker color. If you saturate the color by 10%, you get **13791258**, and if you desaturate by 10%, it is **13796932**.

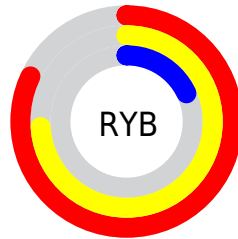
Distribution



Red (82%)

Green (48%)

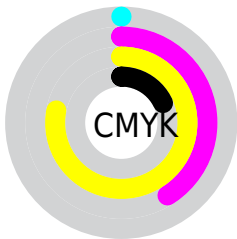
Blue (18%)



Red (82%)

Yellow (74%)

Blue (18%)

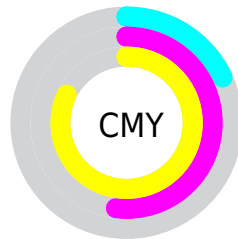


Cyan (0%)

Magenta (41%)

Yellow (78%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13794095 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 13794095 by changing the saturation by 10% instead.



13794095



13794095

16777215



11821587



16756834



9849088



16764028



7942656



16771223



5970432



16777138



4129536



16777166



2686977



16777195



0



13794095



13794095



13791258



13796932

■ 13788421

■ 13799769

■ 13787648

■ 13802862

■ 13805699

■ 13808536

■ 13811373

■ 13814210

■ 13817303

■ 13820140

Harmonies

Analogous

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



15492699



13794095



11046677

Triad

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



13794095



43667



9863659

Complementary

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



13794095



3114706

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.



38395



13794095



43464

Square

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



13794095



173660



41966



13920707

Rectangle

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



13794095



8755745



41966



7833844

Sweetspot

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



13794095



16769220



13774729



8416348



0



8421504

Same Dimension

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



13794095



16744466



13814319



6906718



11030016



2691840

Inverse Universe

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



3114706



1216767



3094482



6186089



23208



5673

Previews

White Background



This preview shows how the Decimal color 13794095 looks on a white 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

Black Background



This preview shows how the Decimal color 13794095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

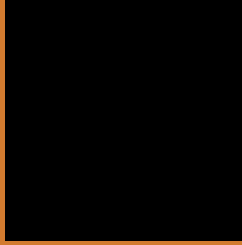
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13794095 Background



This preview shows how black text looks on a background with the Decimal color 13794095.



This preview shows how white text looks on a background with the Decimal color 13794095.

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](#).

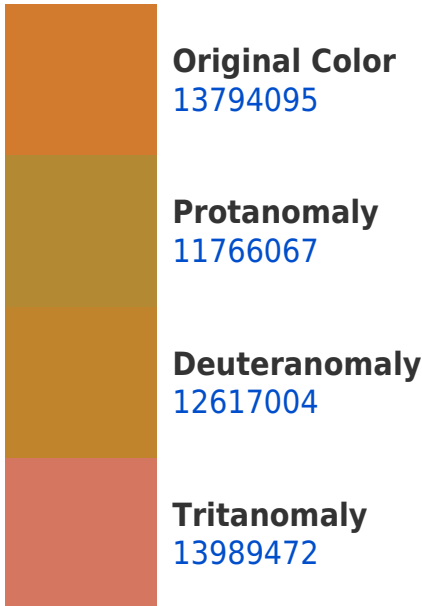
Dichromacy





Tritanopia
14054268

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13794095 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 #D27B2F looks like.

```
.text, #text, p{  
    color:#D27B2F  
}
```

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 #D27B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27B2F
}
```

Border

The CSS property to change the border of an element to Decimal 13794095 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
#D27B2F }
```

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

```
.border{ border-color:#D27B2F }
```

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

Here you see how a box with a 4 pixel #D27B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27B2F; -webkit-box-shadow:4px 4px  
4px 4px #D27B2F; box-shadow:4px 4px 4px  
4px #D27B2F }
```

Background

The CSS property to change the background color of an element to Decimal 13794095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27B2F }
```

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

```
.background{ background-color:#D27B2F }
```

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