

Converting Colors

Decimal(13394945)

Have a look what the booklet for
Decimal(13394945) contains.

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Color

Decimal(13394945)

Conversions

Conversions Part 1

Format	Color
Hex	CC6401
RGB	204, 100, 1
RGB Percent	80%, 39%, 0%
CMY	0.2000, 0.6078, 0.9961
CMYK	0.00, 0.51, 1.00, 0.20
HSL	29°, 99%, 40%
HSV	29°, 100%, 80%
XYZ	29.4645, 21.9539, 2.7133
YIQ	119.8100, 93.7630, -8.7410

Conversions

Conversions Part 2

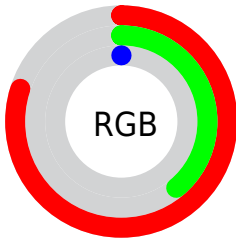
Format	Color
RYB	204, 194, 1
Decimal	13394945
CIELab	53.98, 36.77, 62.23
CIElCh	54, 72.283, 59.427
Yxy	21.9539, 0.5443, 0.4056
Android (android.graphics.Color)	4291585025 (0xFFCC6401)
YUV	119.8100, -58.5733, 73.8346
Hunter-Lab	46.8550, 30.2524, 29.3651

Details

The Decimal color **13394945** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **92620**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **16750657**, and **9318912** is the 20% darker color. If you saturate the color by 10%, you get **13394688**, and if you desaturate by 10%, it is **13397525**.

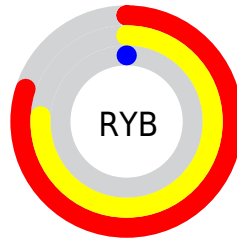
Distribution



Red (80%)

Green (39%)

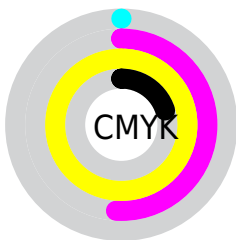
Blue (0%)



Red (80%)

Yellow (76%)

Blue (0%)

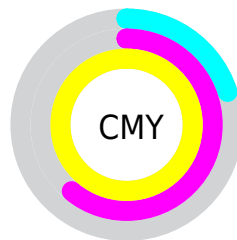


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (20%)



Cyan (20%)



















Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13394945 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 13394945 by changing the saturation by 10% instead.

 13394945	 13394945
16777215	 11356928
 16750657	 9318912
 16757851	 7346432
 16765046	 5439488
 16772241	 3670016
 16777132	 1507328
 16777160	 0
 16777189	
 13394945	 13394945

■ 13394688

■ 13397525

■ 13400362

■ 13402942

■ 13405779

■ 13408359

■ 13411195

■ 13413776

■ 13416612

■ 13419193

Harmonies

Analogous

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



15287368



13394945



10321408

Triad

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



13394945



40062



7893487

Complementary

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



13394945



92620

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.



35327



13394945



40125

Square

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



13394945



38973



38893



13193154

Rectangle

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



13394945



7768576



38893



4422392

Sweetspot

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



13394945



16767155



13369706



8415314



0



8421504

Same Dimension

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



13394945



16743424



13420801



6709596



10899712



2495232

Inverse Universe

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



92620



33791



66764



6054246



21926



5158

Previews

White Background



This preview shows how the Decimal color 13394945 looks on a white background.

Color Contrast Check

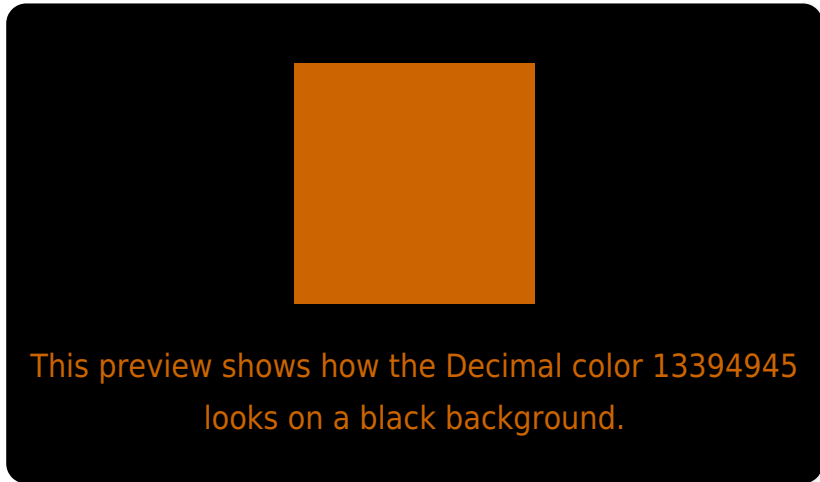
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 13394945 Background



This preview shows how black text looks on a background with the Decimal color 13394945.



This preview shows how white text looks on a background with the Decimal color 13394945.

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
13394945

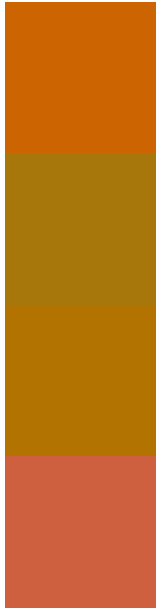
Protanopia
9601554

Deuteranopia
10779392



Tritanopia
13589859

Trichromacy



Original Color
13394945

Protanomaly
10974988

Deuteranomaly
11760384

Tritanomaly
13525055

Monochromacy



Original Color
13394945

Achromatopsia
7895160

Achromatomaly
9924941

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13394945 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 #CC6401 looks like.

```
.text, #text, p{  
  color:#CC6401  
}
```

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 #CC6401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC6401
}
```

Border

The CSS property to change the border of an element to Decimal 13394945 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
#CC6401 }
```

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

```
.border{ border-color:#CC6401 }
```

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

Here you see how a box with a 4 pixel #CC6401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC6401; -webkit-box-shadow:4px 4px  
4px 4px #CC6401; box-shadow:4px 4px 4px  
4px #CC6401 }
```

Background

The CSS property to change the background color of an element to Decimal 13394945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC6401 }
```

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

```
.background{ background-color:#CC6401 }
```

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](#).

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