

# Converting Colors

Decimal(13255945)

Have a look what the booklet for  
Decimal(13255945) contains.

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# Color

**Decimal(13255945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA4509
RGB	202, 69, 9
RGB Percent	79%, 27%, 4%
CMY	0.2078, 0.7294, 0.9647
CMYK	0.00, 0.66, 0.96, 0.21
HSL	19°, 91%, 41%
HSV	19°, 96%, 79%
XYZ	26.5346, 16.8325, 2.1089
YIQ	101.9270, 98.5280, 9.5360

# Conversions

## Conversions Part 2

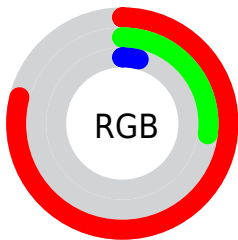
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 96, 9
Decimal	13255945
CIE Lab	48.05, 50.71, 56.72
CIE LCh	48, 76.084, 48.198
Yxy	16.8325, 0.5835, 0.3701
Android (android.graphics.Color)	4291446025 (0xFFCA4509)
YUV	101.9270, -45.8130, 87.7640
Hunter-Lab	41.0275, 43.6470, 25.6716

# Details

The Decimal color **13255945** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **626378**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **16743232**, and **9109504** is the 20% darker color. If you saturate the color by 10%, you get **13254400**, and if you desaturate by 10%, it is **13259549**.

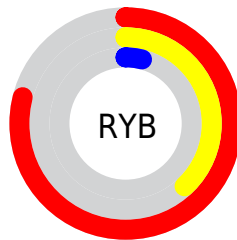
# Distribution



Red (79%)

Green (27%)

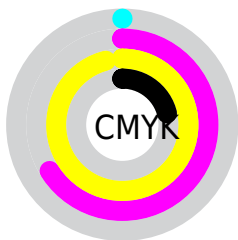
Blue (4%)



Red (79%)

Yellow (38%)

Blue (4%)

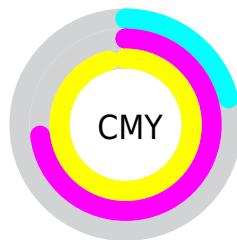


Cyan (0%)

Magenta (66%)

Yellow (96%)

Black (21%)



Cyan (21%)

Magenta (73%)



















Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13255945 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 13255945 by changing the saturation by 10% instead.



 13255945	 13255945
 16777214	 11151616
 16743232	 9109504
 16750425	 7077888
 16757363	 5111808
 16764813	 3407874
 16772264	 0
 16777156	
 16777185	
 13255945	 13255945

13254400

13259549

13263153

13266758

13270362

13273966

13277570

13280918

13284523

13288127

# Harmonies

## Analogous

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



14620239



13255945



10511872

# Triad

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



13255945



35670



28142

# Complementary

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



13255945



626378

# 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.



33265



13255945



36249

# Square

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



13255945



34307



35794



10701513

# Rectangle

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



13255945



8090880



35794



30195



# Sweetspot

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



13255945



16764085



13240720



8413523



0



8421504



# Same Dimension

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



13255945



16731904



13280009



6709084



10892288



2493440

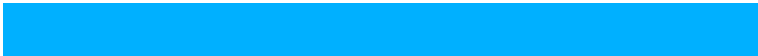


# Inverse Universe

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



626378



45311



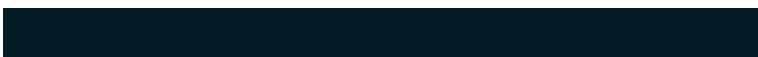
602314



6054758



29350



6694



# Previews

## White Background



This preview shows how the Decimal color 13255945 looks on a white background.

## Color Contrast Check

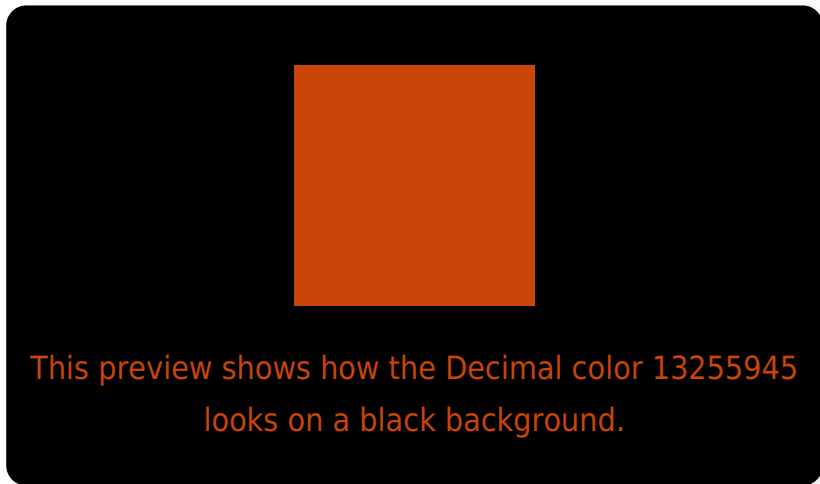
Large Text (above 18pt) WCAG AA ✓ Pass

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 13255945 Background



This preview shows how black text looks on a background with the Decimal color 13255945.



This preview shows how white text looks on a background with the Decimal color 13255945.

# 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



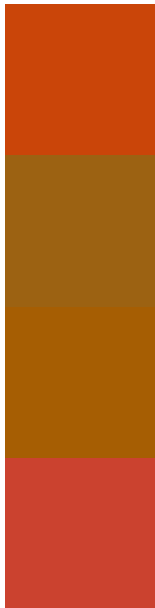
**Original Color**  
13255945

**Protanopia**  
8483607

**Deuteranopia**  
9530624



# Trichromacy



**Original Color**  
13255945

**Protanomaly**  
10248722

**Deuteranomaly**  
10903043

**Tritanomaly**  
13320751

# Monochromacy



**Original Color**  
13255945

**Achromatopsia**  
6710886

**Achromatomaly**  
9067076

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13255945 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 #CA4509 looks like.

```
.text, #text, p{  
  color:#CA4509  
}
```

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 #CA4509 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4509
}
```

## Border

The CSS property to change the border of an element to Decimal 13255945 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
#CA4509 }
```

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

```
.border{ border-color:#CA4509 }
```

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

Here you see how a box with a 4 pixel #CA4509 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4509; -webkit-box-shadow:4px 4px  
4px 4px #CA4509; box-shadow:4px 4px 4px  
4px #CA4509 }
```

# Background

The CSS property to change the background color of an element to Decimal 13255945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4509 }
```

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

```
.background{ background-color:#CA4509 }
```

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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