

Converting Colors

Decimal(13451009)

Have a look what the booklet for
Decimal(13451009) contains.

Decimal(13451009)	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(13451009)

Conversions

Conversions Part 1

Format	Color
Hex	CD3F01
RGB	205, 63, 1
RGB Percent	80%, 25%, 0%
CMY	0.1961, 0.7529, 0.9961
CMYK	0.00, 0.69, 1.00, 0.20
HSL	18°, 99%, 40%
HSV	18°, 100%, 80%
XYZ	26.9598, 16.5363, 1.7996
YIQ	98.3900, 104.5340, 10.8220

Conversions

Conversions Part 2

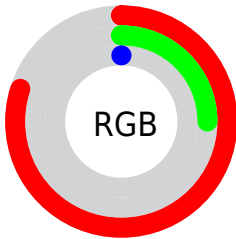
Format	Color
R_{YB}	205, 90, 1
Decimal	13451009
CIE Lab	47.67, 54.08, 58.83
CIE LCh	48, 79.911, 47.410
Yxy	16.5363, 0.5952, 0.3651
Android (android.graphics.Color)	4291641089 (0xFFCD3F01)
YUV	98.3900, -48.0133, 93.4970
Hunter-Lab	40.6649, 47.1775, 25.8416

Details

The Decimal color **13451009** 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 **102349**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **16741947**, and **9306112** is the 20% darker color. If you saturate the color by 10%, you get **13450752**, and if you desaturate by 10%, it is **13454613**.

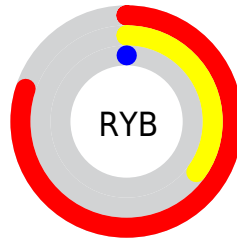
Distribution



Red (80%)

Green (25%)

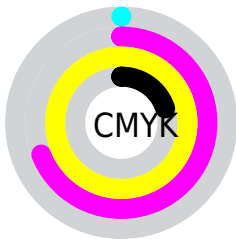
Blue (0%)



Red (80%)

Yellow (35%)

Blue (0%)

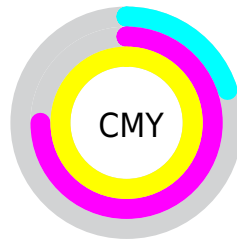


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (20%)



Cyan (20%)




















Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13451009 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 13451009 by changing the saturation by 10% instead.

 13451009	 13451009
 16777208	 11345920
 16741947	 9306112
 16749140	 7208960
 16756334	 5242880
 16763528	 3473410
 16770979	 131072
 16777151	 0
 16777179	
 13451009	 13451009

■ 13450752

■ 13454613

■ 13458474

■ 13462078

■ 13465683

■ 13469288

■ 13473148

■ 13476753

■ 13480357

■ 13483962

Harmonies

Analogous

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



14876750



13451009



10576896

Triad

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



13451009



35665



27892

Complementary

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



13451009



102349

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.



33526



13451009



36248

Square

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



13451009



34304



35796



10635214

Rectangle

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



13451009



8090624



35796



30201

Sweetspot

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



13451009



16763571



13435280



8413266



0



8421504

Same Dimension

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



13451009



16731648



13476865



6709084



10891776



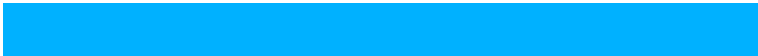
2493440

Inverse Universe

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



102349



45567



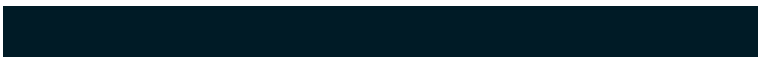
76493



6054758



29606



6950

Previews

White Background



This preview shows how the Decimal color 13451009 looks on a white background.

Color Contrast Check

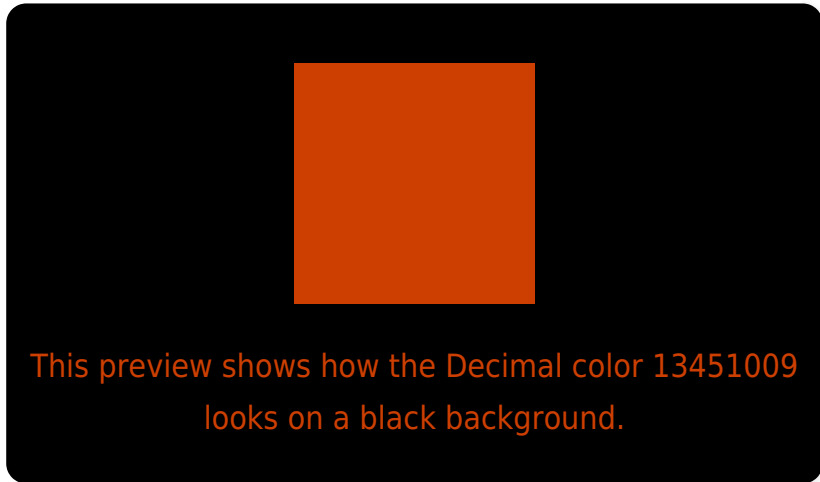
Large Text (above 18pt) WCAG AA ✓ Pass

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 13451009 Background



This preview shows how black text looks on a background with the Decimal color 13451009.



This preview shows how white text looks on a background with the Decimal color 13451009.

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

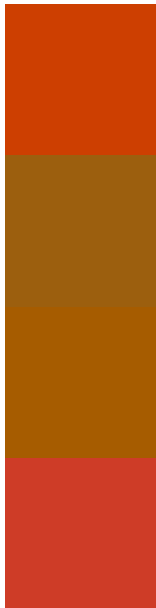


Original Color
13451009

Protanopia
8417814

Deuteranopia
9464832

Trichromacy



Original Color
13451009

Protanomaly
10247950

Deuteranomaly
10902528

Tritanomaly
13515815

Monochromacy



Original Color
13451009

Achromatopsia
6447714

Achromatomaly
9000255

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13451009 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 #CD3F01 looks like.

```
.text, #text, p{  
    color:#CD3F01  
}
```

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 #CD3F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD3F01
}
```

Border

The CSS property to change the border of an element to Decimal 13451009 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
#CD3F01 }
```

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

```
.border{ border-color:#CD3F01 }
```

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

Here you see how a box with a 4 pixel #CD3F01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD3F01; -webkit-box-shadow:4px 4px  
4px 4px #CD3F01; box-shadow:4px 4px 4px  
4px #CD3F01 }
```

Background

The CSS property to change the background color of an element to Decimal 13451009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD3F01 }
```

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

```
.background{ background-color:#CD3F01 }
```

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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