

Converting Colors

Decimal(13058560)

Have a look what the booklet for
Decimal(13058560) contains.

Decimal(13058560)	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(13058560)

Conversions

Conversions Part 1

Format	Color
Hex	C74200
RGB	199, 66, 0
RGB Percent	78%, 26%, 0%
CMY	0.2196, 0.7412, 1.0000
CMYK	0.00, 0.67, 1.00, 0.22
HSL	20°, 100%, 39%
HSV	20°, 100%, 78%
XYZ	25.5014, 16.0385, 1.7517
YIQ	98.2430, 100.4540, 7.6700

Conversions

Conversions Part 2

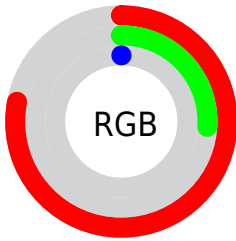
Format	Color
R_{YB}	199, 99, 0
Decimal	13058560
CIE _{Lab}	47.03, 50.83, 58.18
CIE _{LCh}	47, 77.251, 48.856
Yxy	16.0385, 0.5891, 0.3705
Android (android.graphics.Color)	4291248640 (0xFFC74200)
YUV	98.2430, -48.4338, 88.3639
Hunter-Lab	40.0482, 43.5789, 25.4404

Details

The Decimal color **13058560** 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 **34247**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **16742458**, and **8912896** is the 20% darker color. If you saturate the color by 10%, you get **13058560**, and if you desaturate by 10%, it is **13061908**.

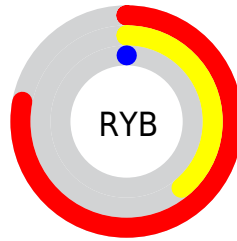
Distribution



Red (78%)

Green (26%)

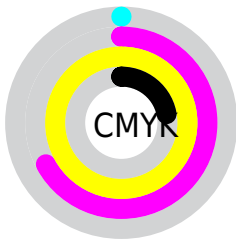
Blue (0%)



Red (78%)

Yellow (39%)

Blue (0%)

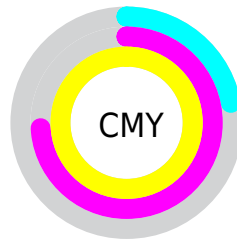


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13058560 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 13058560 by changing the saturation by 10% instead.

 13058560

 13058560

 16777208

 10953984

 16742458

 8912896

 16749651

 6881280

 16756589

 4980736

 16764040

 3211266

 16771491

 0

 16777150

 16777179

 13058560

 13061908

 13065512

 13068860

 13072208

 13075812

 13079159

 13082507

 13085855

 13089459

Harmonies

Analogous

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



14485322



13058560



10249216

Triad

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



13058560



35156



27116

Complementary

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



13058560



34247

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.



32753



13058560



35736

Square

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



13058560



33792



35025



10634694

Rectangle

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



13058560



7828224



35025



29426

Sweetspot

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



13058560



16764083



13041800



8413522



0



8421504

Same Dimension

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



13058560



16733440



13083392



6511962



10696192



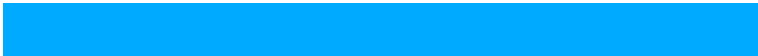
2362368

Inverse Universe

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



34247



43775



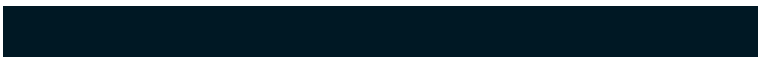
9415



5922915



28067



6180

Previews

White Background



This preview shows how the Decimal color 13058560 looks on a white background.

Color Contrast Check

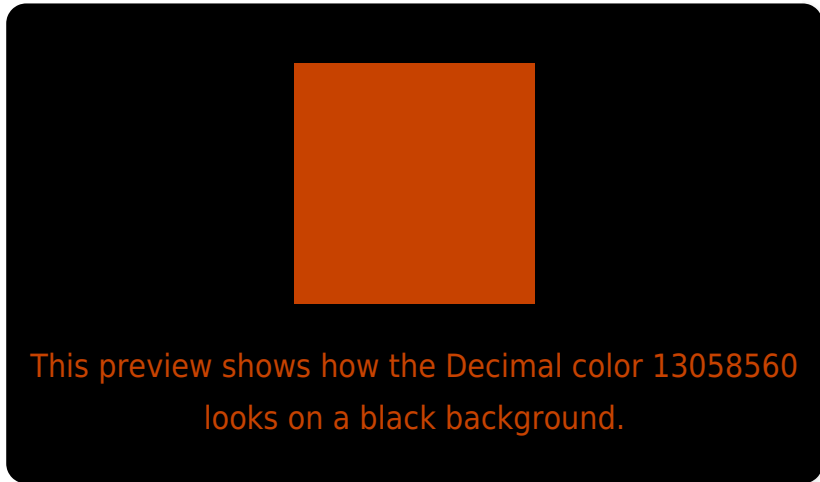
Large Text (above 18pt) WCAG AA ✓ Pass

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

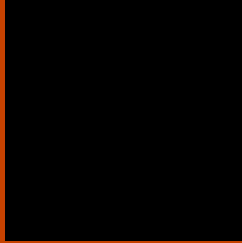
Any Text WCAG AA × Fail

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 13058560 Background



This preview shows how black text looks on a background with the Decimal color 13058560.



This preview shows how white text looks on a background with the Decimal color 13058560.

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

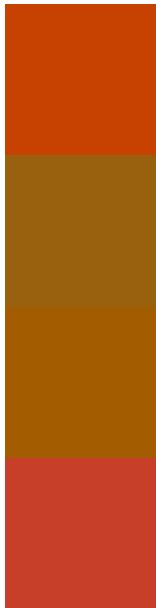


Original Color
13058560

Protanopia
8286485

Deuteranopia
9333504

Trichromacy



Original Color
13058560

Protanomaly
10051597

Deuteranomaly
10705920

Tritanomaly
13123369

Monochromacy



Original Color
13058560

Achromatopsia
6447714

Achromatomaly
8869438

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13058560 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 #C74200 looks like.

```
.text, #text, p{  
    color:#C74200  
}
```

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 #C74200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74200
}
```

Border

The CSS property to change the border of an element to Decimal 13058560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

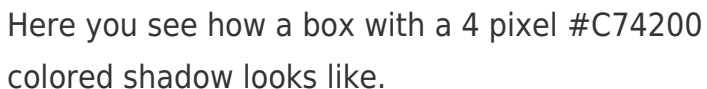
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C74200 }
```

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

```
.border{ border-color:#C74200 }
```

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



Here you see how a box with a 4 pixel `#C74200` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74200; -webkit-box-shadow:4px 4px  
4px 4px #C74200; box-shadow:4px 4px 4px  
4px #C74200 }
```

Background

The CSS property to change the background color of an element to Decimal 13058560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74200 }
```

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

```
.background{ background-color:#C74200 }
```

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