

Converting Colors

Decimal(14113305)

Have a look what the booklet for
Decimal(14113305) contains.

Decimal(14113305)	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(14113305)

Conversions

Conversions Part 1

Format	Color
Hex	D75A19
RGB	215, 90, 25
RGB Percent	84%, 35%, 10%
CMY	0.1569, 0.6471, 0.9020
CMYK	0.00, 0.58, 0.88, 0.16
HSL	21°, 79%, 47%
HSV	21°, 88%, 84%
XYZ	31.8560, 21.8296, 3.4542
YIQ	119.9650, 95.3650, 6.2850

Conversions

Conversions Part 2

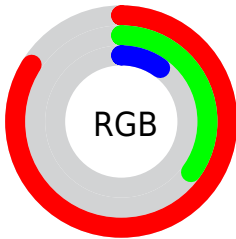
Format	Color
R_{YB}	215, 124, 25
Decimal	14113305
CIE _{Lab}	53.85, 46.25, 57.11
CIE _{LCh}	54, 73.492, 50.996
Yxy	21.8296, 0.5575, 0.3820
Android (android.graphics.Color)	4292303385 (0xFFD75A19)
YUV	119.9650, -46.8177, 83.3457
Hunter-Lab	46.7221, 39.9406, 28.3221

Details

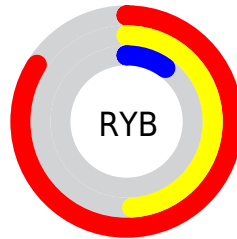
The Decimal color **14113305** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1677015**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **16748365**, and **9970688** is the 20% darker color. If you saturate the color by 10%, you get **14109700**, and if you desaturate by 10%, it is **14116910**.

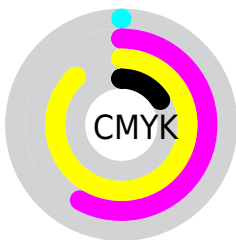
Distribution



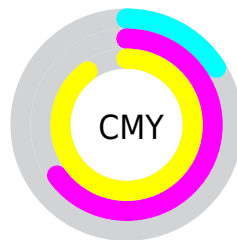
- Red (84%)
- Green (35%)
- Blue (10%)



- Red (84%)
- Yellow (49%)
- Blue (10%)



- Cyan (0%)
- Magenta (58%)
- Yellow (88%)
- Black (16%)





















- Cyan (16%)
- Magenta (65%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14113305 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 14113305 by changing the saturation by 10% instead.

 14113305	 14113305
16777215	 12009472
 16748365	 9970688
 16755559	 7995392
 16762753	 5963776
 16770204	 4128768
 16777143	 2228225
 16777171	 0
 16777200	
 14113305	 14113305

■ 14109700

■ 14116910

■ 14109184

■ 14120516

■ 14124122

■ 14127983

■ 14131589

■ 14135194

■ 14138800

■ 14142405

■ 14146011

Harmonies

Analogous

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



15612504



14113305



11237120

Triad

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



14113305



39787



4946168

Complementary

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



14113305



1677015

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.



36607



14113305



40365

Square

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



14113305



38439



39395



12146898

Rectangle

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



14113305



8815872



39395



33279

Sweetspot

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



14113305



16765626



14096792



8414551



0



8421504

Same Dimension

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



14113305



16733952



14137113



7038048



11221504



2821888

Inverse Universe

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



1677015



43263



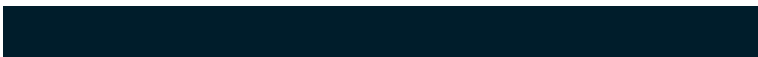
1653207



6317931



28843



7467

Previews

White Background



This preview shows how the Decimal color 14113305 looks on a white background.

Color Contrast Check

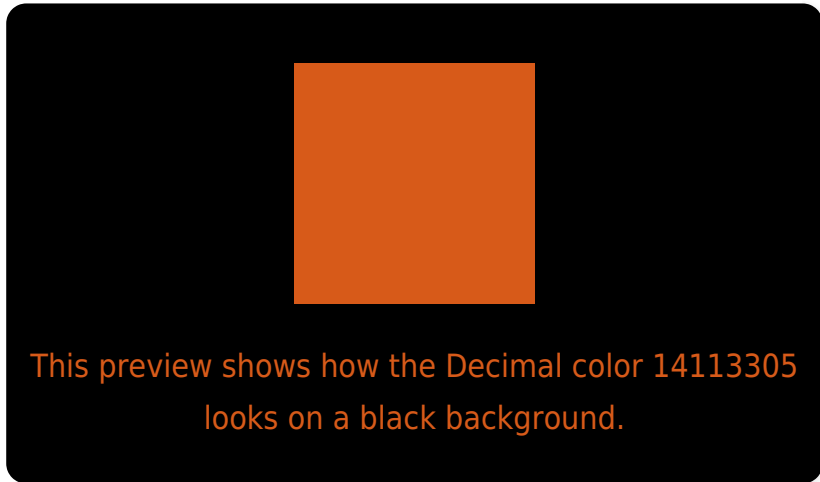
Large Text (above 18pt) WCAG AA ✓ Pass

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 14113305 Background



This preview shows how black text looks on a background with the Decimal color 14113305.



This preview shows how white text looks on a background with the Decimal color 14113305.

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

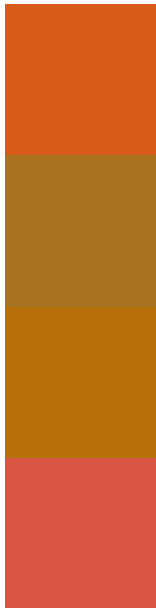


Original Color
14113305

Protanopia
9536035

Deuteranopia
10713856

Trichromacy



Original Color
14113305

Protanomaly
11170591

Deuteranomaly
11955977

Tritanomaly
14177858

Monochromacy



Original Color
14113305

Achromatopsia
7895160

Achromatomaly
10186069

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14113305 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 #D75A19 looks like.

```
.text, #text, p{  
    color:#D75A19  
}
```

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 #D75A19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75A19
}
```

Border

The CSS property to change the border of an element to Decimal 14113305 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
#D75A19 }
```

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

```
.border{ border-color:#D75A19 }
```

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

Here you see how a box with a 4 pixel #D75A19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75A19; -webkit-box-shadow:4px 4px  
4px 4px #D75A19; box-shadow:4px 4px 4px  
4px #D75A19 }
```

Background

The CSS property to change the background color of an element to Decimal 14113305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75A19 }
```

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

```
.background{ background-color:#D75A19 }
```

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