

Converting Colors

Decimal(13712149)

Have a look what the booklet for
Decimal(13712149) contains.

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Color

Decimal(13712149)

Conversions

Conversions Part 1

Format	Color
Hex	D13B15
RGB	209, 59, 21
RGB Percent	82%, 23%, 8%
CMY	0.1804, 0.7686, 0.9176
CMYK	0.00, 0.72, 0.90, 0.18
HSL	12°, 82%, 45%
HSV	12°, 90%, 82%
XYZ	27.9938, 16.7374, 2.4647
YIQ	99.5180, 101.5980, 19.9820

Conversions

Conversions Part 2

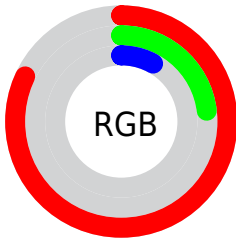
Format	Color
R _Y B	209, 69, 21
Decimal	13712149
CIE Lab	47.93, 57.12, 53.64
CIE LCh	48, 78.360, 43.203
Yxy	16.7374, 0.5931, 0.3546
Android (android.graphics.Color)	4291902229 (0xFFD13B15)
YUV	99.5180, -38.7094, 96.0157
Hunter-Lab	40.9113, 50.5448, 25.0661

Details

The Decimal color **13712149** 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 **1420241**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **16741447**, and **9568256** is the 20% darker color. If you saturate the color by 10%, you get **13707776**, and if you desaturate by 10%, it is **13716522**.

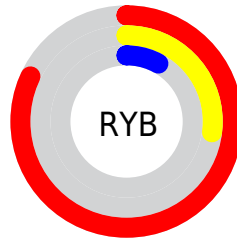
Distribution



Red (82%)

Green (23%)

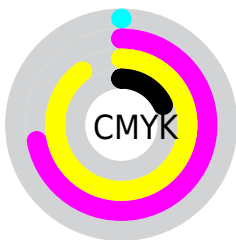
Blue (8%)



Red (82%)

Yellow (27%)

Blue (8%)

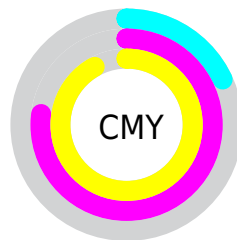


Cyan (0%)

Magenta (72%)

Yellow (90%)

Black (18%)



Cyan (18%)


















Magenta (77%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13712149 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 13712149 by changing the saturation by 10% instead.

 13712149	 13712149
16777215	 11606272
 16741447	 9568256
 16748384	 7471104
 16755833	 5505024
 16763028	 3670018
 16770479	 851968
 16777163	 0
 16777191	
 13712149	 13712149

■ 13707776

■ 13716522

■ 13720639

■ 13725012

■ 13729385

■ 13733502

■ 13737874

■ 13742247

■ 13746364

■ 13750737

Harmonies

Analogous

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



14811224



13712149



11034880

Triad

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



13712149



35657



29173

Complementary

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



13712149



1420241

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.



34034



13712149



36238

Square

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



13712149



427264



36044



9850836

Rectangle

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



13712149



8679936



36044



31224

Sweetspot

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



13712149



16763066



13702571



8413015



0



8421504

Same Dimension

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



13712149



16724992



13736213



6905950



11018752



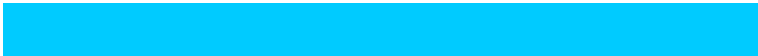
2689024

Inverse Universe

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



1420241



52223



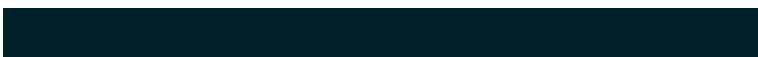
1396177



6186601



34472



8489

Previews

White Background



This preview shows how the Decimal color 13712149 looks on a white background.

Color Contrast Check

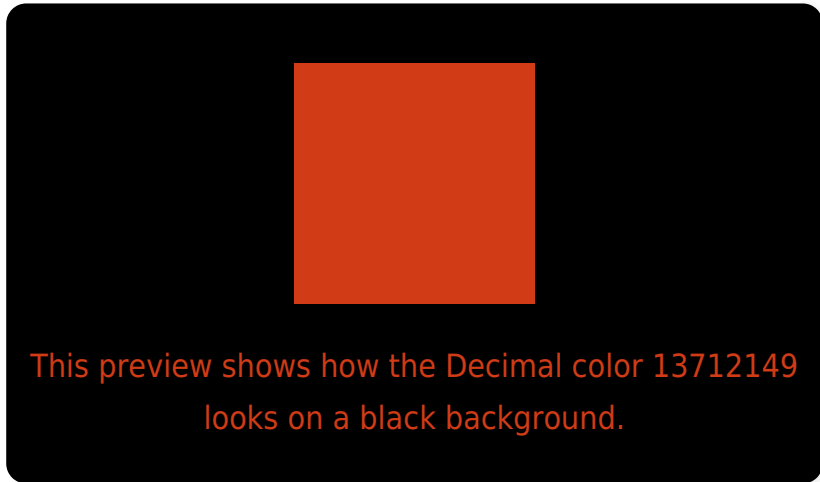
Large Text (above 18pt) WCAG AA ✓ Pass

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 13712149 Background



This preview shows how black text looks on a background with the Decimal color 13712149.



This preview shows how white text looks on a background with the Decimal color 13712149.

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



Trichromacy



Original Color
13712149

Protanomaly
10313502

Deuteranomaly
11033352

Tritanomaly
13776941

Monochromacy



Original Color
13712149

Achromatopsia
6579300

Achromatomaly
9196871

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13712149 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 #D13B15 looks like.

```
.text, #text, p{  
    color:#D13B15  
}
```

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 #D13B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13B15
}
```

Border

The CSS property to change the border of an element to Decimal 13712149 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
#D13B15 }
```

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

```
.border{ border-color:#D13B15 }
```

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

Here you see how a box with a 4 pixel #D13B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13B15; -webkit-box-shadow:4px 4px  
4px 4px #D13B15; box-shadow:4px 4px 4px  
4px #D13B15 }
```

Background

The CSS property to change the background color of an element to Decimal 13712149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13B15 }
```

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

```
.background{ background-color:#D13B15 }
```

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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