

Converting Colors

Decimal(14171936)

Have a look what the booklet for
Decimal(14171936) contains.

Decimal(14171936)	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(14171936)

Conversions

Conversions Part 1

Format	Color
Hex	D83F20
RGB	216, 63, 32
RGB Percent	85%, 25%, 13%
CMY	0.1529, 0.7529, 0.8745
CMYK	0.00, 0.71, 0.85, 0.15
HSL	10°, 74%, 49%
HSV	10°, 85%, 85%
XYZ	30.3571, 18.2582, 3.2907
YIQ	105.2130, 101.1390, 22.7950

Conversions

Conversions Part 2

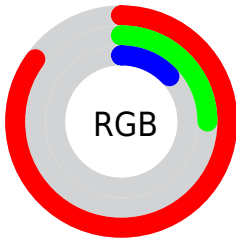
Format	Color
RYB	216, 69, 32
Decimal	14171936
CIELab	49.81, 58.12, 51.16
CIElCh	50, 77.435, 41.356
Yxy	18.2582, 0.5848, 0.3518
Android (android.graphics.Color)	4292362016 (0xFFD83F20)
YUV	105.2130, -36.0940, 97.1602
Hunter-Lab	42.7296, 52.0378, 25.3447

Details

The Decimal color **14171936** 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 **2144728**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16742480**, and **10027008** is the 20% darker color. If you saturate the color by 10%, you get **14167306**, and if you desaturate by 10%, it is **14176566**.

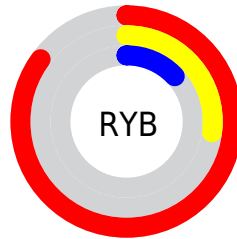
Distribution



Red (85%)

Green (25%)

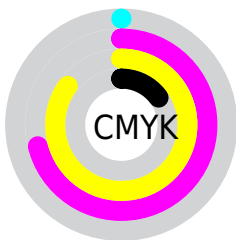
Blue (13%)



Red (85%)

Yellow (27%)

Blue (13%)

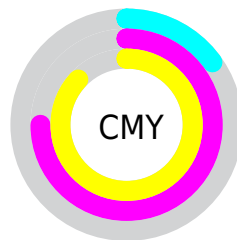


Cyan (0%)

Magenta (71%)

Yellow (85%)

Black (15%)



Cyan (15%)

Magenta (75%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14171936 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 14171936 by changing the saturation by 10% instead.

 14171936

 14171936

16777215

 12066310

 16742480

 10027008

 16749673

 7929856

 16756867

 5898240

 16764318

 4128771

 16771769


 1769473

 16777173

 0

 16777202

 14171936

 14171936

■ 14167306

■ 14176566

■ 14164992

■ 14181195

■ 14185825

■ 14190454

■ 14195084

■ 14199714

■ 14204343

■ 14208973

■ 14213602

Harmonies

Analogous

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



15143009



14171936



11625472

Triad

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



14171936



36937



30713

Complementary

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



14171936



2144728

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.



35316



14171936



37519

Square

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



14171936



2394368



37325



9787355

Rectangle

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



14171936



9270528



37325



32508

Sweetspot

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



14171936



16763069



14164153



8413016



0



8421504

Same Dimension

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



14171936



16722688



14195488



7037536



11214080



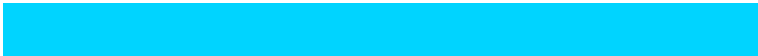
2819840

Inverse Universe

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



2144728



54527



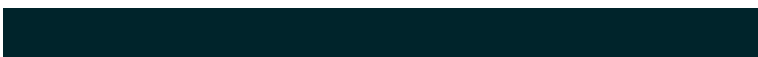
2121176



6318443



36523



9259

Previews

White Background



This preview shows how the Decimal color 14171936 looks on a white background.

Color Contrast Check

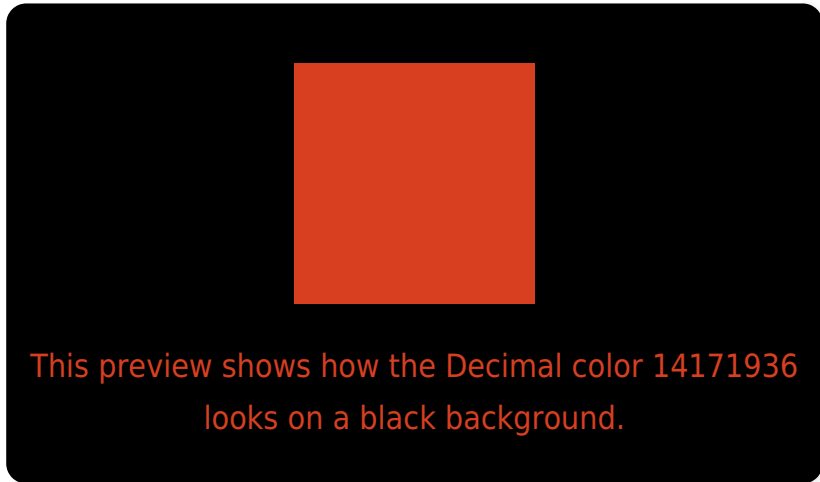
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 14171936 Background



This preview shows how black text looks on a background with the Decimal color 14171936.



This preview shows how white text looks on a background with the Decimal color 14171936.

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
14171936

Protanopia
8746798

Deuteranopia
9924864

Trichromacy



Original Color
14171936

Protanomaly
10707753

Deuteranomaly
11493132

Tritanomaly
14236979

Monochromacy



Original Color
14171936

Achromatopsia
6908265

Achromatomaly
9525838

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14171936 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 #D83F20 looks like.

```
.text, #text, p{  
  color:#D83F20  
}
```

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 #D83F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83F20
}
```

Border

The CSS property to change the border of an element to Decimal 14171936 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
#D83F20 }
```

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

```
.border{ border-color:#D83F20 }
```

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

Here you see how a box with a 4 pixel #D83F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83F20; -webkit-box-shadow:4px 4px  
4px 4px #D83F20; box-shadow:4px 4px 4px  
4px #D83F20 }
```

Background

The CSS property to change the background color of an element to Decimal 14171936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83F20 }
```

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

```
.background{ background-color:#D83F20 }
```

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