

Converting Colors

Decimal(14096384)

Have a look what the booklet for
Decimal(14096384) contains.

Decimal(14096384)	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(14096384)

Conversions

Conversions Part 1

Format	Color
Hex	D71800
RGB	215, 24, 0
RGB Percent	84%, 9%, 0%
CMY	0.1569, 0.9059, 1.0000
CMYK	0.00, 0.89, 1.00, 0.16
HSL	7°, 100%, 42%
HSV	7°, 100%, 84%
XYZ	28.3510, 15.1003, 1.4204
YIQ	78.3730, 121.5400, 33.0280

Conversions

Conversions Part 2

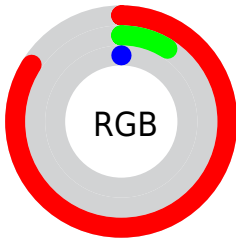
Format	Color
RYB	215, 27, 0
Decimal	14096384
CIELab	45.77, 67.82, 59.42
CIElCh	46, 90.170, 41.223
Yxy	15.1003, 0.6318, 0.3365
Android (android.graphics.Color)	4292286464 (0xFFD71800)
YUV	78.3730, -38.6379, 119.8219
Hunter-Lab	38.8592, 62.2270, 25.0342

Details

The Decimal color **14096384** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **49111**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **16736055**, and **9830400** is the 20% darker color. If you saturate the color by 10%, you get **14096384**, and if you desaturate by 10%, it is **14101269**.

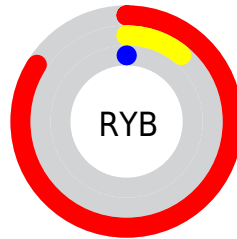
Distribution



Red (84%)

Green (9%)

Blue (0%)



Red (84%)

Yellow (11%)

Blue (0%)

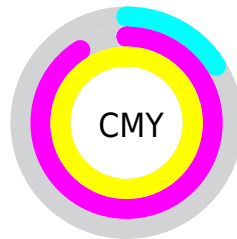


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (16%)



Cyan (16%)



















Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 14096384 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 14096384 by changing the saturation by 10% instead.

 14096384	 14096384
 16777203	 11927552
 16736055	 9830400
 16743504	 7733248
 16750953	 5701634
 16758403	 3735554
 16766110	 1048576
 16773562	 0
 16777174	
 14096384	

 14101269

 14106155

 14111041

 14115926

 14121068

 14125953

 14130839

 14135724

 14140610

Harmonies

Analogous

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



15335508



14096384



11163136

Triad

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



14096384



34615



28415

Complementary

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



14096384



49111

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.



33534



14096384



35464

Square

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



14096384



33024



35280



9127392

Rectangle

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



14096384



8547072



35280



30719

Sweetspot

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



14096384



16759731



14090434



8410962



0



8421504

Same Dimension

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



14096384



16718848



14123264



7037536



11211520



2819328

Inverse Universe

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



49111



58367



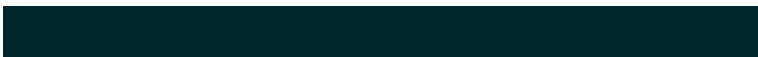
22231



6318699



39083



10027

Previews

White Background



This preview shows how the Decimal color 14096384 looks on a white background.

Color Contrast Check

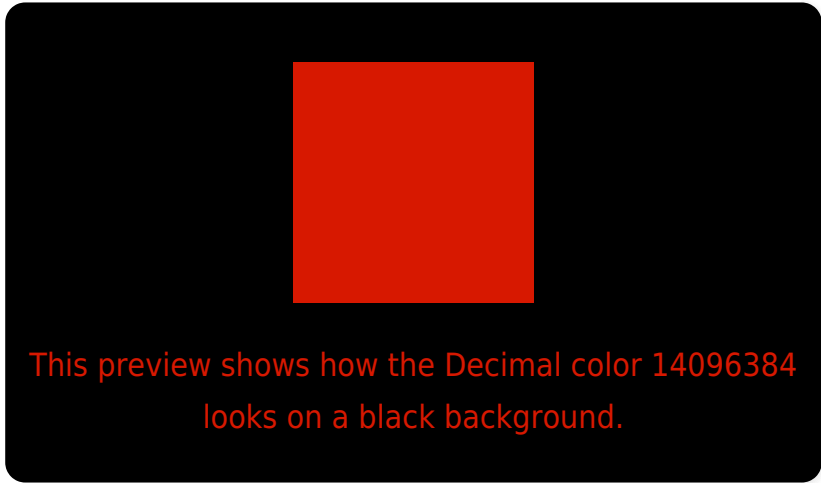
Large Text (above 18pt) WCAG AA ✓ Pass

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 14096384 Background



This preview shows how black text looks on a background with the Decimal color 14096384.



This preview shows how white text looks on a background with the Decimal color 14096384.

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

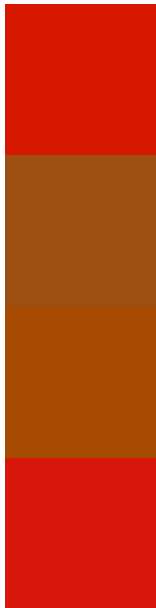


Original Color
14096384

Protanopia
8089115

Deuteranopia
9070592

Trichromacy



Original Color
14096384

Protanomaly
10243857

Deuteranomaly
10898176

Tritanomaly
14096138

Monochromacy



Original Color
14096384

Achromatopsia
5131854

Achromatomaly
8403506

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14096384 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 #D71800 looks like.

```
.text, #text, p{  
    color:#D71800  
}
```

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 #D71800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D71800
}
```

Border

The CSS property to change the border of an element to Decimal 14096384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

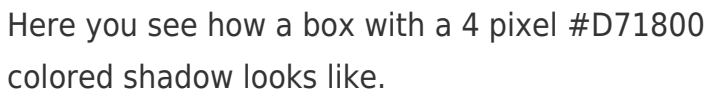
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D71800 }
```

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

```
.border{ border-color:#D71800 }
```

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



Here you see how a box with a 4 pixel #D71800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D71800; -webkit-box-shadow:4px 4px  
4px 4px #D71800; box-shadow:4px 4px 4px  
4px #D71800 }
```

Background

The CSS property to change the background color of an element to Decimal 14096384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D71800 }
```

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

```
.background{ background-color:#D71800 }
```

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