

Converting Colors

Decimal(14686731)

Have a look what the booklet for
Decimal(14686731) contains.

Decimal(14686731)	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(14686731)

Conversions

Conversions Part 1

Format	Color
Hex	E01A0B
RGB	224, 26, 11
RGB Percent	88%, 10%, 4%
CMY	0.1216, 0.8980, 0.9569
CMYK	0.00, 0.88, 0.95, 0.12
HSL	4°, 91%, 46%
HSV	4°, 95%, 88%
XYZ	31.1703, 16.6102, 1.8798
YIQ	83.4920, 122.8230, 37.3110

Conversions

Conversions Part 2

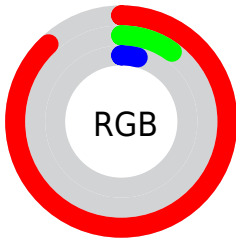
Format	Color
R_{YB}	224, 27, 11
Decimal	14686731
CIE Lab	47.77, 69.95, 58.25
CIE LCh	48, 91.029, 39.784
Yxy	16.6102, 0.6277, 0.3345
Android (android.graphics.Color)	4292876811 (0xFFE01A0B)
YUV	83.4920, -35.7386, 123.2255
Hunter-Lab	40.7557, 65.1958, 25.7942

Details

The Decimal color **14686731** 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 **774624**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **16736575**, and **10354688** is the 20% darker color. If you saturate the color by 10%, you get **14684160**, and if you desaturate by 10%, it is **14692129**.

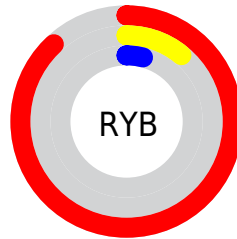
Distribution



Red (88%)

Green (10%)

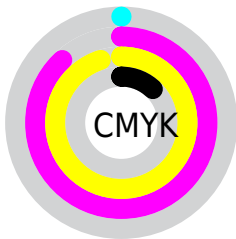
Blue (4%)



Red (88%)

Yellow (11%)

Blue (4%)

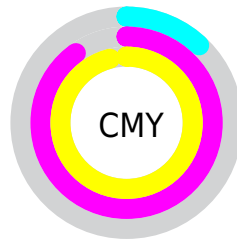


Cyan (0%)

Magenta (88%)

Yellow (95%)

Black (12%)



Cyan (12%)

Magenta (90%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14686731 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 14686731 by changing the saturation by 10% instead.

 14686731

 14686731

 16777211

 12517376

 16736575

 10354688

 16744280

 8257536

 16751729

 6160385

 16759435

 4259843

 16766886

 2031617

 16774594

 0

 16777182

 14686731

 14686731

■ 14684160

■ 14692129

■ 14697528

■ 14702670

■ 14708069

■ 14713467

■ 14718865

■ 14724264

■ 14729662

■ 14734805

Harmonies

Analogous

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



15794268



14686731



11753728

Triad

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



14686731



35895



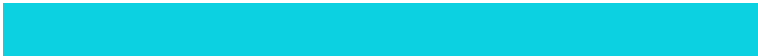
29951

Complementary

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



14686731



774624

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.



35071



14686731



36746

Square

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



14686731



34304



36819



9194730

Rectangle

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



14686731



9137920



36819



32255

Sweetspot

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



14686731



16759477



14683090



8410707



0



8421504

Same Dimension

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



14686731



16716288



14713867



7366245



11537408



3146496

Inverse Universe

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



774624



60927



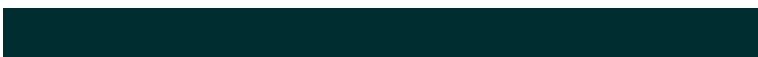
747488



6647664



42160



11568

Previews

White Background



This preview shows how the Decimal color 14686731 looks on a white background.

Color Contrast Check

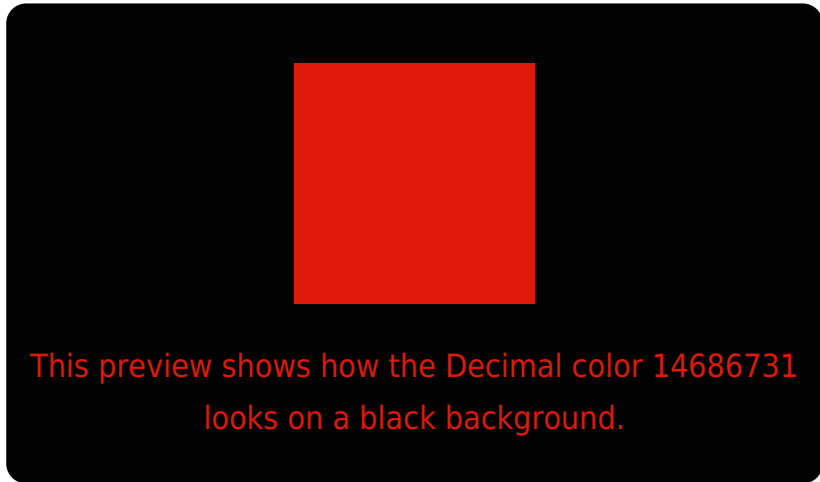
Large Text (above 18pt) WCAG AA ✓ Pass

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 14686731 Background



This preview shows how black text looks on a background with the Decimal color 14686731.



This preview shows how white text looks on a background with the Decimal color 14686731.

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
14686731

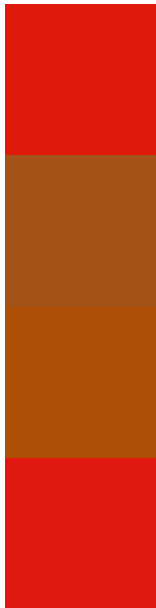
Protanopia
8418079

Deuteranopia
9465088



Tritanopia
14686483

Trichromacy



Original Color
14686731

Protanomaly
10703640

Deuteranomaly
11357956

Tritanomaly
14686480

Monochromacy



Original Color
14686731

Achromatopsia
5460819

Achromatomaly
8797753

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14686731 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 #E01A0B looks like.

```
.text, #text, p{  
  color:#E01A0B  
}
```

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 #E01A0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01A0B
}
```

Border

The CSS property to change the border of an element to Decimal 14686731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

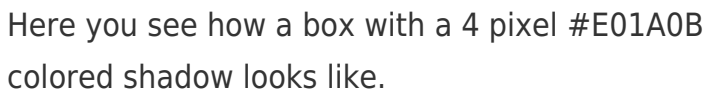
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E01A0B }
```

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

```
.border{ border-color:#E01A0B }
```

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



Here you see how a box with a 4 pixel `#E01A0B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01A0B; -webkit-box-shadow:4px 4px  
4px 4px #E01A0B; box-shadow:4px 4px 4px  
4px #E01A0B }
```

Background

The CSS property to change the background color of an element to Decimal 14686731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01A0B }
```

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

```
.background{ background-color:#E01A0B }
```

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