

# Converting Colors

Decimal(14829828)

Have a look what the booklet for  
Decimal(14829828) contains.

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**Color**

**Decimal(14829828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E24904
RGB	226, 73, 4
RGB Percent	89%, 29%, 2%
CMY	0.1137, 0.7137, 0.9843
CMYK	0.00, 0.68, 0.98, 0.11
HSL	19°, 97%, 45%
HSV	19°, 98%, 89%
XYZ	33.7685, 20.9426, 2.3774
YIQ	110.8810, 113.3370, 10.9770

# Conversions

## Conversions Part 2

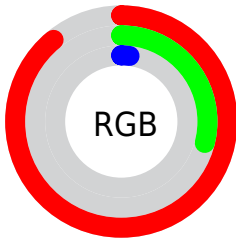
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 104, 4
Decimal	14829828
CIE Lab	52.89, 57.20, 62.87
CIE LCh	53, 84.999, 47.702
Yxy	20.9426, 0.5915, 0.3668
Android (android.graphics.Color)	4293019908 (0xFFE24904)
YUV	110.8810, -52.6923, 100.9594
Hunter-Lab	45.7631, 51.6294, 28.9540

# Details

The Decimal color **14829828** 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 **302562**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16744768**, and **10551296** is the 20% darker color. If you saturate the color by 10%, you get **14829056**, and if you desaturate by 10%, it is **14833947**.

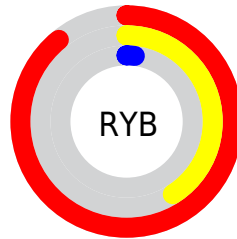
# Distribution



Red (89%)

Green (29%)

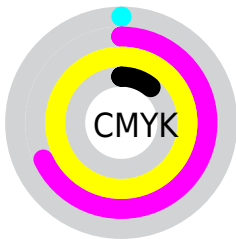
Blue (2%)



Red (89%)

Yellow (41%)

Blue (2%)

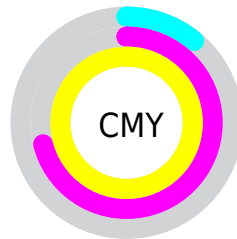


Cyan (0%)

Magenta (68%)

Yellow (98%)

Black (11%)



Cyan (11%)

Magenta (71%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14829828 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 14829828 by changing the saturation by 10% instead.



 14829828	 14829828
16777215	 12724992
 16744768	 10551296
 16751961	 8519680
 16759156	 6488064
 16766606	 4587522
 16774314	 2621441
 16777158	 0
 16777186	
 14829828	 14829828

■ 14829056

■ 14833947

■ 14837809

■ 14841928

■ 14845790

■ 14849909

■ 14853772

■ 14857890

■ 14862009

■ 14865871

# Harmonies

## Analogous

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



16384087



14829828



11694080

# Triad

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



14829828



39772



31231

# Complementary

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



14829828



302562

# 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.



37119



14829828



40361

# Square

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



14829828



38144



39658



11817186

# Rectangle

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



14829828



9011712



39658



33535



# Sweetspot

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



14829828



16764085



14812319



8413523



0



8421504



# Same Dimension

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



14829828



16731904



14857732



7366757



11548416



3149568

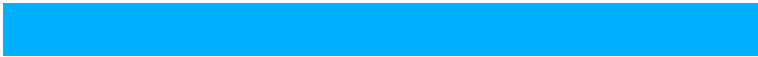


# Inverse Universe

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



302562



45311



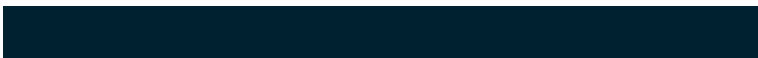
274658



6647152



31152



8496



# Previews

## White Background



This preview shows how the Decimal color 14829828 looks on a white background.

## Color Contrast Check

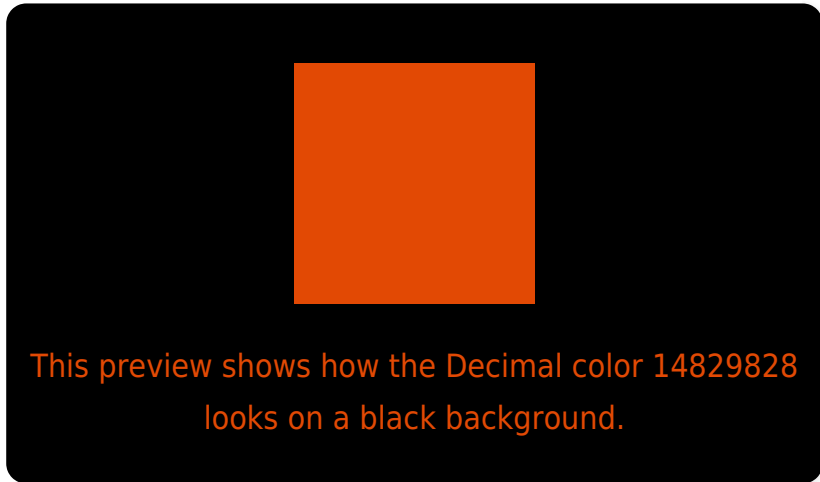
Large Text (above 18pt) WCAG AA ✓ Pass

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 14829828 Background



This preview shows how black text looks on a background with the Decimal color 14829828.



This preview shows how white text looks on a background with the Decimal color 14829828.

# 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**  
14829828

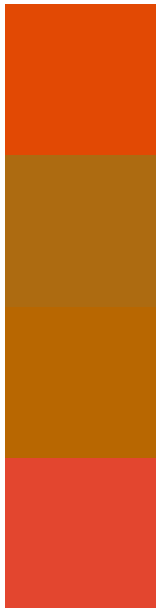
**Protanopia**  
9404184

**Deuteranopia**  
10516480



**Tritanopia**  
14894151

# Trichromacy



**Original Color**  
14829828

**Protanomaly**  
11365137

**Deuteranomaly**  
12084993

**Tritanomaly**  
14894639

# Monochromacy



**Original Color**  
14829828

**Achromatopsia**  
7303023

**Achromatomaly**  
10051912

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14829828 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 #E24904 looks like.

```
.text, #text, p{  
  color:#E24904  
}
```

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 #E24904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24904
}
```

## Border

The CSS property to change the border of an element to Decimal 14829828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

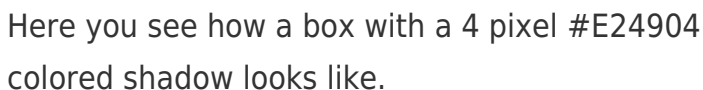
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E24904 }
```

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

```
.border{ border-color:#E24904 }
```

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



Here you see how a box with a 4 pixel #E24904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24904; -webkit-box-shadow:4px 4px  
4px 4px #E24904; box-shadow:4px 4px 4px  
4px #E24904 }
```

# Background

The CSS property to change the background color of an element to Decimal 14829828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24904 }
```

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

```
.background{ background-color:#E24904 }
```

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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