

# Converting Colors

Decimal(14111011)

Have a look what the booklet for  
Decimal(14111011) contains.

<b>Decimal(14111011)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(14111011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D75123
RGB	215, 81, 35
RGB Percent	84%, 32%, 14%
CMY	0.1569, 0.6824, 0.8627
CMYK	0.00, 0.62, 0.84, 0.16
HSL	15°, 72%, 49%
HSV	15°, 84%, 84%
XYZ	31.2701, 20.4533, 3.8899
YIQ	115.8220, 94.6300, 14.1020

# Conversions

## Conversions Part 2

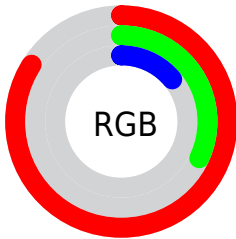
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 97, 35
Decimal	14111011
CIE <sub>Lab</sub>	52.35, 50.58, 51.97
CIE <sub>LCh</sub>	52, 72.516, 45.777
Yxy	20.4533, 0.5623, 0.3678
Android (android.graphics.Color)	4292301091 (0xFFD75123)
YUV	115.8220, -39.8452, 86.9791
Hunter-Lab	45.2253, 44.2760, 26.5581

# Details

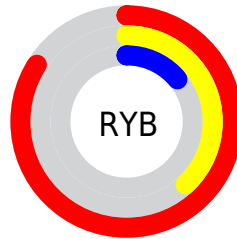
The Decimal color **14111011** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **2337239**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16746324**, and **9967104** is the 20% darker color. If you saturate the color by 10%, you get **14106894**, and if you desaturate by 10%, it is **14115129**.

# Distribution



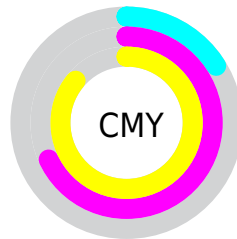
- Red (84%)
- Green (32%)
- Blue (14%)



- Red (84%)
- Yellow (38%)
- Blue (14%)



- Cyan (0%)
- Magenta (62%)
- Yellow (84%)
- Black (16%)





















- Cyan (16%)
- Magenta (68%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14111011 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 14111011 by changing the saturation by 10% instead.



 14111011	 14111011
16777215	 12006919
 16746324	 9967104
 16753518	 7929856
 16760712	 5963776
 16768163	 4128769
 16775614	 2031617
 16777178	 0
 16777207	
 14111011	 14111011

■ 14106894

■ 14115129

■ 14104320

■ 14119246

■ 14123364

■ 14127481

■ 14131599

■ 14135716

■ 14139834

■ 14143951

■ 14148069

# Harmonies

## Analogous

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



15283039



14111011



11497216

# Triad

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



14111011



38492



55510

# Complementary

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



14111011



2337239

# 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.



36342



14111011



39069

# Square

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



14111011



2330646



38613



10968021

# Rectangle

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



14111011



9207296



38613



33274



# Sweetspot

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



14111011



16765119



14099370



8414041



0



8421504



# Same Dimension

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



14111011



16728320



14133795



7037792



11217920



2820864

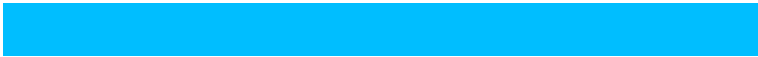


# Inverse Universe

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



2337239



48895



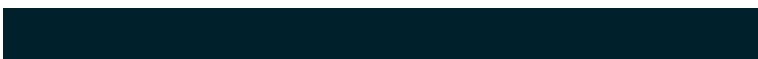
2314455



6318187



32683

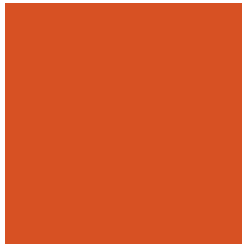


8235



# Previews

## White Background



This preview shows how the Decimal color 14111011 looks on a white background.

## Color Contrast Check

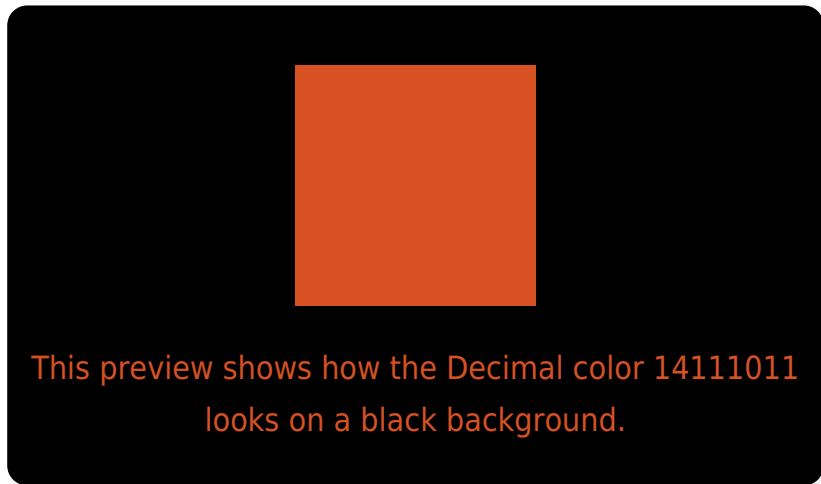
Large Text (above 18pt) WCAG AA ✓ Pass

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 14111011 Background



This preview shows how black text looks on a background with the Decimal color 14111011.



This preview shows how white text looks on a background with the Decimal color 14111011.

# 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**  
14111011

**Protanomaly**  
10972715

**Deuteranomaly**  
11757848

**Tritanomaly**  
14175808

# Monochromacy



**Original Color**  
14111011

**Achromatopsia**  
7631988

**Achromatomaly**  
9987927

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14111011 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 #D75123 looks like.

```
.text, #text, p{  
  color:#D75123  
}
```

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 #D75123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75123
}
```

## Border

The CSS property to change the border of an element to Decimal 14111011 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".

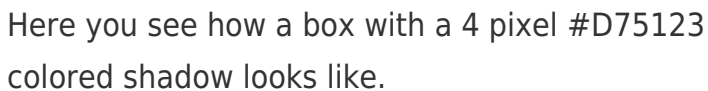
```
.border, #border, table{ border:4px solid
#D75123 }
```

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

```
.border{ border-color:#D75123 }
```

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

Here you see how a box with a 4 pixel #D75123 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75123; -webkit-box-shadow:4px 4px  
4px 4px #D75123; box-shadow:4px 4px 4px  
4px #D75123 }
```

# Background

The CSS property to change the background color of an element to Decimal 14111011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75123 }
```

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

```
.background{ background-color:#D75123 }
```

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