

# Converting Colors

Decimal(14963251)

Have a look what the booklet for  
Decimal(14963251) contains.

<b>Decimal(14963251)</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(14963251)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E45233
RGB	228, 82, 51
RGB Percent	89%, 32%, 20%
CMY	0.1059, 0.6784, 0.8000
CMYK	0.00, 0.64, 0.78, 0.11
HSL	11°, 77%, 55%
HSV	11°, 78%, 89%
XYZ	35.6097, 22.7676, 5.6497
YIQ	122.1200, 96.9670, 21.3110

# Conversions

## Conversions Part 2

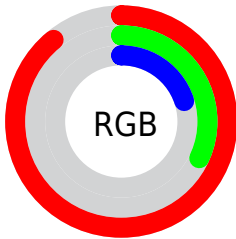
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 89, 51
Decimal	14963251
CIE <sub>Lab</sub>	54.83, 55.14, 47.53
CIE <sub>LCh</sub>	55, 72.797, 40.759
Yxy	22.7676, 0.5562, 0.3556
Android (android.graphics.Color)	4293153331 (0xFFE45233)
YUV	122.1200, -35.0622, 92.8568
Hunter-Lab	47.7154, 49.7117, 26.3806

# Details

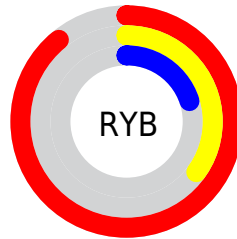
The Decimal color **14963251** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **3392996**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **16746852**, and **10818051** is the 20% darker color. If you saturate the color by 10%, you get **14958364**, and if you desaturate by 10%, it is **14968138**.

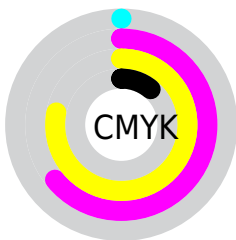
# Distribution



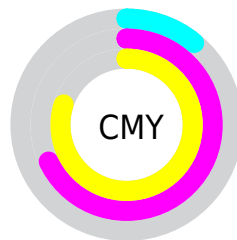
- Red (89%)
- Green (32%)
- Blue (20%)



- Red (89%)
- Yellow (35%)
- Blue (20%)



- Cyan (0%)
- Magenta (64%)
- Yellow (78%)
- Black (11%)



- Cyan (11%)
- Magenta (68%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14963251 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 14963251 by changing the saturation by 10% instead.



 14963251  14963251

16777215  12858651

 16746852  10818051


 16754045  8781824

 16761496  6750208

 16768947  4784129

 16776398  2949121

 16777195  0

 14963251  14963251

 14958364  14968138

14953477

14973025

14952448

14977655

14982542

14987429

14992316

14997203

15001833

15006719

# Harmonies

## Analogous

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



15808623



14963251



12546304

# Triad

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



14963251



40279



34047

# Complementary

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



14963251



3392996

# 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.



38395



14963251



40857

# Square

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



14963251



4232461



40405



10577892

# Rectangle

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



14963251



10322176



40405



35839



# Sweetspot

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



14963251



16764868



14955462



8413788



0



8421504



# Same Dimension

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



14963251



16726802



14985523



7563623



11738880



3344640

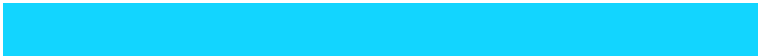


# Inverse Universe

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



3392996



1234431



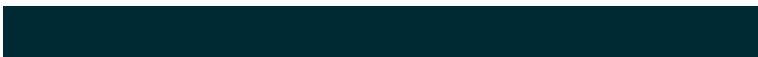
3370724



6779251



37811

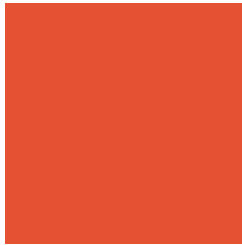


10803



# Previews

## White Background



This preview shows how the Decimal color 14963251 looks on a white background.

## Color Contrast Check

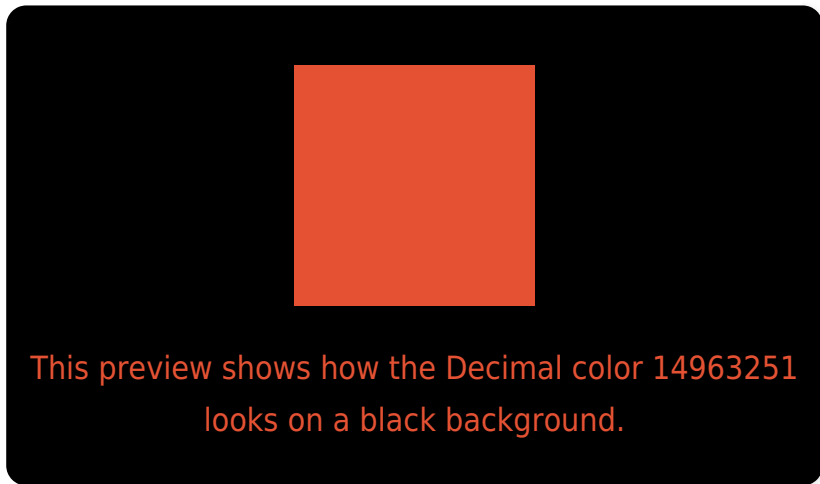
Large Text (above 18pt) WCAG AA ✓ Pass

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 14963251 Background



This preview shows how black text looks on a background with the Decimal color 14963251.



This preview shows how white text looks on a background with the Decimal color 14963251.

# 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**  
14963251

**Protanomaly**  
11563581

**Deuteranomaly**  
12348716

**Tritanomaly**  
15028039

# Monochromacy



**Original Color**  
14963251

**Achromatopsia**  
8026746

**Achromatomaly**  
10578784

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14963251 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 #E45233 looks like.

```
.text, #text, p{  
    color:#E45233  
}
```

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 #E45233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45233
}
```

## Border

The CSS property to change the border of an element to Decimal 14963251 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".

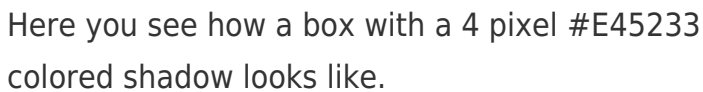
```
.border, #border, table{ border:4px solid
#E45233 }
```

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

```
.border{ border-color:#E45233 }
```

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

Here you see how a box with a 4 pixel #E45233 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45233; -webkit-box-shadow:4px 4px  
4px 4px #E45233; box-shadow:4px 4px 4px  
4px #E45233 }
```

# Background

The CSS property to change the background color of an element to Decimal 14963251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45233 }
```

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

```
.background{ background-color:#E45233 }
```

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