

# Converting Colors

Decimal(12856624)

Have a look what the booklet for  
Decimal(12856624) contains.

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# Color

**Decimal(12856624)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C42D30
RGB	196, 45, 48
RGB Percent	77%, 18%, 19%
CMY	0.2314, 0.8235, 0.8118
CMYK	0.00, 0.77, 0.76, 0.23
HSL	359°, 63%, 47%
HSV	359°, 77%, 77%
XYZ	24.2368, 13.8259, 4.1876
YIQ	90.4910, 89.0330, 32.9450

# Conversions

## Conversions Part 2

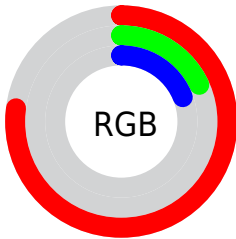
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 45, 48</a>
Decimal	<a href="#">12856624</a>
CIELab	<a href="#">43.98, 58.52, 35.91</a>
CIELCh	<a href="#">44, 68.660, 31.533</a>
Yxy	<a href="#">13.8259, 0.5736, 0.3272</a>
Android (android.graphics.Color)	<a href="#">4291046704 (0xFFC42D30)</a>
YUV	<a href="#">90.4910, -20.9481, 92.5314</a>
Hunter-Lab	<a href="#">37.1832, 51.2795, 19.3511</a>

# Details

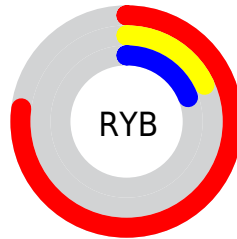
The Decimal color **12856624** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2999489**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **16738399**, and **8781827** is the 20% darker color. If you saturate the color by 10%, you get **12851485**, and if you desaturate by 10%, it is **12861763**.

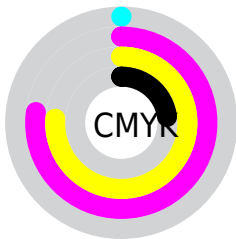
# Distribution



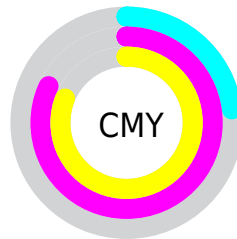
- Red (77%)
- Green (18%)
- Blue (19%)



- Red (77%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (23%)



- Cyan (23%)
- Magenta (82%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12856624 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 12856624 by changing the saturation by 10% instead.



 12856624

 12856624

16777215

 10813467

 16738399

 8781827

 16745592

 6750208

 16752785

 4849665

 16760236

 2949121

 16767687

 0

 16775140

 12856624

 12856624

 12851485

 12861763

 12846602

 12866646

 12845060

 12871786

 12876669

 12881808

 12886947

 12891830

 12896970

 12901853

# Harmonies

## Analogous

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



13112424



12856624



11030272

# Triad

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



12856624



32045



28635

# Complementary

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



12856624



2999489

# 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.



31693



12856624



32873

# Square

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



12856624



4289792



32931



6576074

# Rectangle

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



12856624



9199616



32931



29914



# Sweetspot

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



12856624



16762054



12529092



8412253



0



8421504



# Same Dimension

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



12856624



16716825



12874541



6379351



10551299



2162689



# Inverse Universe

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



12856624



16716825



2981572



6379351



10551299



2162689



# Previews

## White Background



This preview shows how the Decimal color 12856624 looks on a white background.

## Color Contrast Check

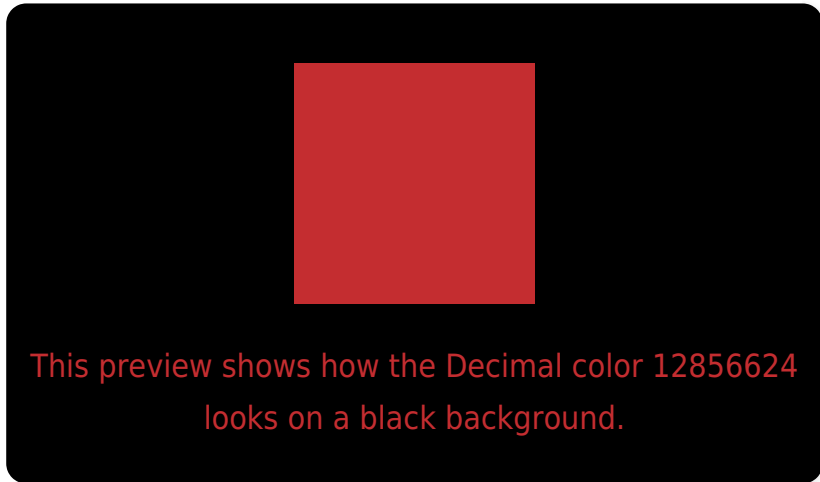
Large Text (above 18pt) WCAG AA ✓ Pass

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 12856624 Background



This preview shows how black text looks on a background with the Decimal color 12856624.



This preview shows how white text looks on a background with the Decimal color 12856624.

# 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**  
12856624

**Protanopia**  
7498051

**Deuteranopia**  
8610854



# Trichromacy



**Original Color**  
12856624

**Protanomaly**  
9458492

**Deuteranomaly**  
10178602

**Tritanomaly**  
12856623

# Monochromacy



**Original Color**  
12856624

**Achromatopsia**  
5921370

**Achromatomaly**  
8473163

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12856624 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 #C42D30 looks like.

```
.text, #text, p{  
  color:#C42D30  
}
```

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 #C42D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42D30
}
```

## Border

The CSS property to change the border of an element to Decimal 12856624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

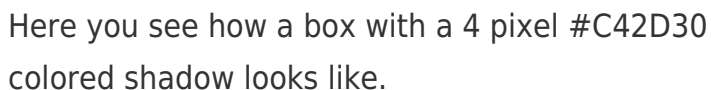
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C42D30 }
```

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

```
.border{ border-color:#C42D30 }
```

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



Here you see how a box with a 4 pixel `#C42D30` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42D30; -webkit-box-shadow:4px 4px  
4px 4px #C42D30; box-shadow:4px 4px 4px  
4px #C42D30 }
```

# Background

The CSS property to change the background color of an element to Decimal 12856624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42D30 }
```

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

```
.background{ background-color:#C42D30 }
```

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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