

# Converting Colors

Decimal(12733764)

Have a look what the booklet for  
Decimal(12733764) contains.

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# Color

**Decimal(12733764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C24D44
RGB	194, 77, 68
RGB Percent	76%, 30%, 27%
CMY	0.2392, 0.6980, 0.7333
CMYK	0.00, 0.60, 0.65, 0.24
HSL	4°, 51%, 51%
HSV	4°, 65%, 76%
XYZ	25.9454, 17.1944, 7.4202
YIQ	110.9570, 72.6210, 22.0050

# Conversions

## Conversions Part 2

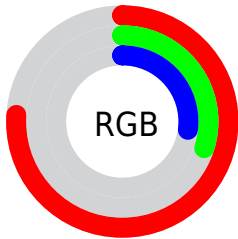
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 78, 68
Decimal	12733764
CIELab	48.50, 46.31, 29.52
CIElCh	49, 54.922, 32.515
Yxy	17.1944, 0.5132, 0.3401
Android (android.graphics.Color)	4290923844 (0xFFC24D44)
YUV	110.9570, -21.1778, 72.8287
Hunter-Lab	41.4662, 39.1217, 18.4166

# Details

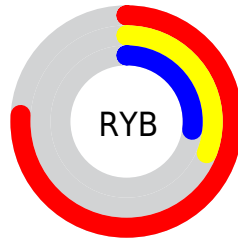
The Decimal color **12733764** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **4504002**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16745076**, and **8786968** is the 20% darker color. If you saturate the color by 10%, you get **12729137**, and if you desaturate by 10%, it is **12738391**.

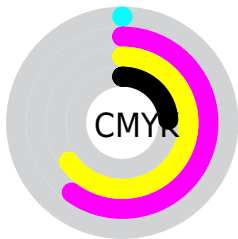
# Distribution



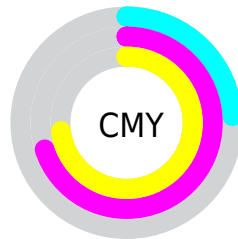
- Red (76%)
- Green (30%)
- Blue (27%)



- Red (76%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12733764 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 12733764 by changing the saturation by 10% instead.



 12733764

 12733764

16777215

 10760749

 16745076

 8786968

 16752270

 6881280

 16759209

 4980736

 16766660

 3276802

 16774112

 0

16777213

 12733764

 12733764

 12729137

 12738391

 12724509

 12743019

 12719882

 12747646

 12717568

 12752274

 12756901

 12761528

 12766156

 12770783

 12775411

# Harmonies

## Analogous

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



12928113



12733764



11231260

# Triad

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



12733764



34374



30672

# Complementary

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



12733764



4504002

# 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.



33733



12733764



35190

# Square

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



12733764



5734171



34980



7890370

# Rectangle

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



12733764



9727235



34980



31952

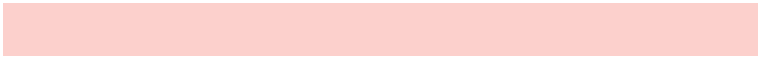


# Sweetspot

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



12733764



16568524



12731578



8414306



0



8421504



# Same Dimension

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



12733764



16533048



12749636



6379607



10554112



2163200



# Inverse Universe

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



4504002



3731196



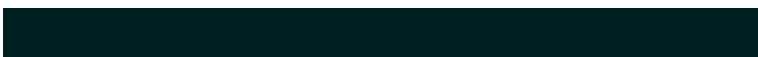
4488130



5726305



38305

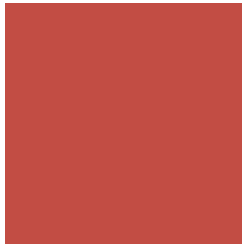


7969



# Previews

## White Background



This preview shows how the Decimal color 12733764 looks on a white background.

## Color Contrast Check

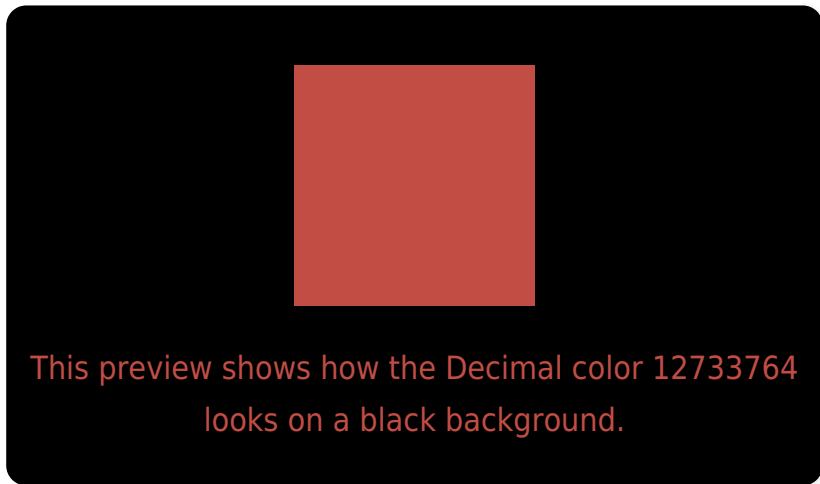
Large Text (above 18pt) WCAG AA ✓ Pass

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 12733764 Background



This preview shows how black text looks on a background with the Decimal color 12733764.



This preview shows how white text looks on a background with the Decimal color 12733764.

# 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





**Tritanopia**  
12798800

# Trichromacy



**Original Color**  
12733764

**Protanomaly**  
9856590

**Deuteranomaly**  
10576448

**Tritanomaly**  
12799052

# Monochromacy



**Original Color**  
12733764

**Achromatopsia**  
7303023

**Achromatomaly**  
9266015

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12733764 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 #C24D44 looks like.

```
.text, #text, p{  
  color:#C24D44  
}
```

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 #C24D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C24D44
}
```

## Border

The CSS property to change the border of an element to Decimal 12733764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

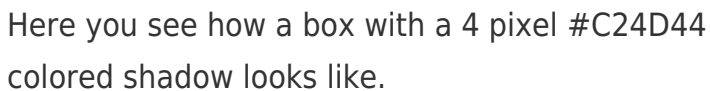
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C24D44 }
```

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

```
.border{ border-color:#C24D44 }
```

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



Here you see how a box with a 4 pixel `#C24D44` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C24D44; -webkit-box-shadow:4px 4px  
4px 4px #C24D44; box-shadow:4px 4px 4px  
4px #C24D44 }
```

# Background

The CSS property to change the background color of an element to Decimal 12733764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C24D44 }
```

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

```
.background{ background-color:#C24D44 }
```

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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