

Converting Colors

Decimal(12654366)

Have a look what the booklet for
Decimal(12654366) contains.

Decimal(12654366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12654366)

Conversions

Conversions Part 1

Format	Color
Hex	C1171E
RGB	193, 23, 30
RGB Percent	76%, 9%, 12%
CMY	0.2431, 0.9098, 0.8824
CMYK	0.00, 0.88, 0.84, 0.24
HSL	358°, 79%, 42%
HSV	358°, 88%, 76%
XYZ	22.5331, 12.0440, 2.3654
YIQ	74.6280, 99.0730, 38.2170

Conversions

Conversions Part 2

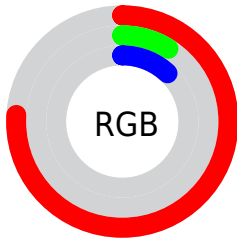
Format	Color
R_{YB}	193, 23, 30
Decimal	12654366
CIE Lab	41.29, 62.53, 42.96
CIE LCh	41, 75.869, 34.491
Yxy	12.0440, 0.6100, 0.3260
Android (android.graphics.Color)	4290844446 (0xFFC1171E)
YUV	74.6280, -22.0016, 103.8122
Hunter-Lab	34.7044, 55.1645, 20.2520

Details

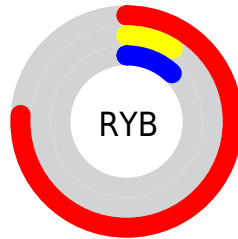
The Decimal color **12654366** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1556922**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16734796**, and **8519680** is the 20% darker color. If you saturate the color by 10%, you get **12649483**, and if you desaturate by 10%, it is **12659249**.

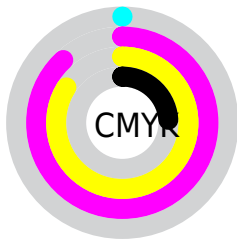
Distribution



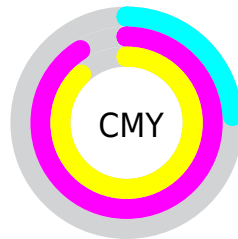
- Red (76%)
- Green (9%)
- Blue (12%)



- Red (76%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (88%)
- Yellow (84%)
- Black (24%)



- Cyan (24%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12654366 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 12654366 by changing the saturation by 10% instead.

 12654366

 12654366

16777215

 10551304

 16734796

 8519680

 16742244

 6488064

 16749437

 4587523

 16756888

 2490369

 16764338

 0

 16772046

 16777194

 12654366

 12654366

■ 12649483

■ 12659249

■ 12648456

■ 12664387

■ 12669270

■ 12674152

■ 12679035

■ 12684173

■ 12689056

■ 12693938

■ 12699077

Harmonies

Analogous

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



13238363



12654366



10504192

Triad

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



12654366



30502



26592

Complementary

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



12654366



1556922

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.



30419



12654366



31338

Square

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



12654366



2650368



31399



6638538

Rectangle

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



12654366



8477440



31399



28384

Sweetspot

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



12654366



16431548



12064705



8214104



16579836



8224125

Same Dimension

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



12654366



16384010



12673815



6379352



10551303



2162689

Inverse Universe

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



12654366



16384010



1537473



6379352



10551303



2162689

Previews

White Background



This preview shows how the Decimal color 12654366 looks on a white background.

Color Contrast Check

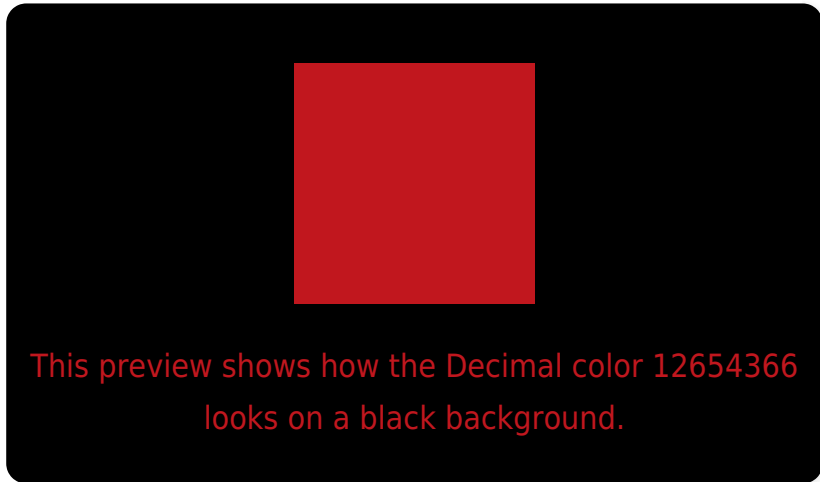
Large Text (above 18pt) WCAG AA ✓ Pass

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 12654366 Background



This preview shows how black text looks on a background with the Decimal color 12654366.



This preview shows how white text looks on a background with the Decimal color 12654366.

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

12654366

Protanopia

7168816

Deuteranopia

8216064

Trichromacy



Original Color
12654366

Protanomaly
9193257

Deuteranomaly
9847819

Tritanomaly
12654616

Monochromacy



Original Color
12654366

Achromatopsia
4934475

Achromatomaly
7747643

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12654366 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 #C1171E looks like.

```
.text, #text, p{  
    color:#C1171E  
}
```

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 #C1171E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1171E
}
```

Border

The CSS property to change the border of an element to Decimal 12654366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

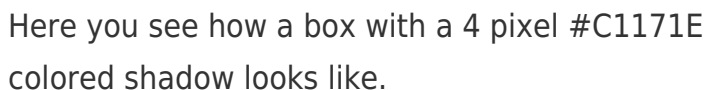
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1171E }
```

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

```
.border{ border-color:#C1171E }
```

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



Here you see how a box with a 4 pixel `#C1171E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1171E; -webkit-box-shadow:4px 4px  
4px 4px #C1171E; box-shadow:4px 4px 4px  
4px #C1171E }
```

Background

The CSS property to change the background color of an element to Decimal 12654366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1171E }
```

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

```
.background{ background-color:#C1171E }
```

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