

Converting Colors

Decimal(13186888)

Have a look what the booklet for
Decimal(13186888) contains.

Decimal(13186888)	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(13186888)

Conversions

Conversions Part 1

Format	Color
Hex	C93748
RGB	201, 55, 72
RGB Percent	79%, 22%, 28%
CMY	0.2118, 0.7843, 0.7176
CMYK	0.00, 0.73, 0.64, 0.21
HSL	353°, 57%, 50%
HSV	353°, 73%, 79%
XYZ	26.6233, 15.6178, 7.7422
YIQ	100.5920, 81.5590, 36.2390

Conversions

Conversions Part 2

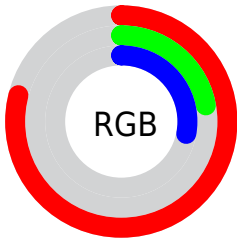
Format	Color
R_{YB}	201, 55, 72
Decimal	13186888
CIE Lab	46.47, 57.89, 24.85
CIE LCh	46, 62.993, 23.232
Yxy	15.6178, 0.5326, 0.3125
Android (android.graphics.Color)	4291376968 (0xFFC93748)
YUV	100.5920, -14.0959, 88.0578
Hunter-Lab	39.5193, 51.0927, 16.0480

Details

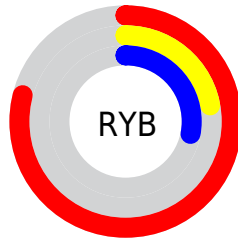
The Decimal color **13186888** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3656120**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **16740472**, and **9175069** is the 20% darker color. If you saturate the color by 10%, you get **13181750**, and if you desaturate by 10%, it is **13192026**.

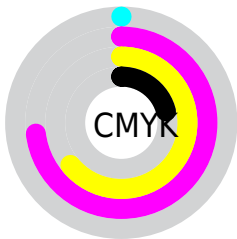
Distribution



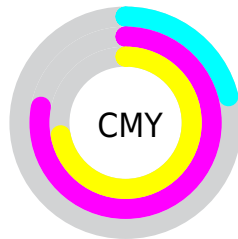
- Red (79%)
- Green (22%)
- Blue (28%)



- Red (79%)
- Yellow (22%)
- Blue (28%)



- Cyan (0%)
- Magenta (73%)
- Yellow (64%)
- Black (21%)




- Cyan (21%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13186888 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 13186888 by changing the saturation by 10% instead.

 13186888	 13186888
 16777215	 11146034
 16740472	 9175069
 16747666	 7208965
 16755117	 5242880
 16762312	 3407874
 16769764	 0

 13186888	 13186888
 13181750	 13192026
 13176612	 13197164

■ 13172759

■ 13202301

■ 13207439

■ 13212833

■ 13217971

■ 13223108

■ 13228246

■ 13233384

Harmonies

Analogous

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



12923516



13186888



11882517

Triad

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



13186888



33065



30936

Complementary

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



13186888



3656120

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.



33475



13186888



34144

Square

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



13186888



6190848



34454



5203408

Rectangle

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



13186888



10313984



34454



31956

Sweetspot

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



13186888



16762829



12072905



8412770



0



8421504

Same Dimension

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



13186888



16720187



13201207



6511195



10682387



2359300

Inverse Universe

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



13186888



16720187



3641801



6511195



10682387



2359300

Previews

White Background



This preview shows how the Decimal color 13186888 looks on a white background.

Color Contrast Check

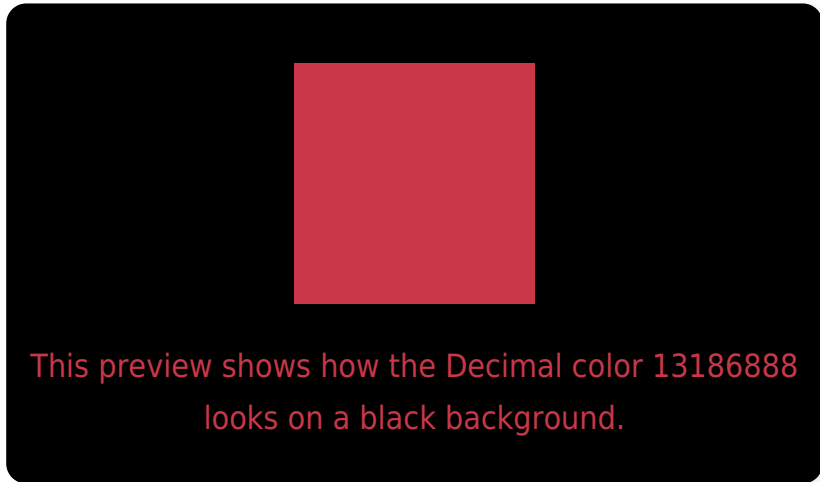
Large Text (above 18pt) WCAG AA ✓ Pass

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 13186888 Background



This preview shows how black text looks on a background with the Decimal color 13186888.



This preview shows how white text looks on a background with the Decimal color 13186888.

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
13186888

Protanopia
7630687

Deuteranopia
8874560

Trichromacy



Original Color
13186888

Protanomaly
9657175

Deuteranomaly
10442563

Tritanomaly
13121600

Monochromacy



Original Color
13186888

Achromatopsia
6645093

Achromatomaly
9000026

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13186888 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 #C93748 looks like.

```
.text, #text, p{  
  color:#C93748  
}
```

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 #C93748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C93748
}
```

Border

The CSS property to change the border of an element to Decimal 13186888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

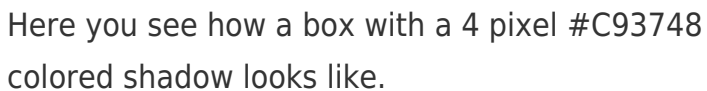
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C93748 }
```

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

```
.border{ border-color:#C93748 }
```

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



Here you see how a box with a 4 pixel `#C93748` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C93748; -webkit-box-shadow:4px 4px  
4px 4px #C93748; box-shadow:4px 4px 4px  
4px #C93748 }
```

Background

The CSS property to change the background color of an element to Decimal 13186888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C93748 }
```

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

```
.background{ background-color:#C93748 }
```

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