

# Converting Colors

Decimal(12801093)

Have a look what the booklet for  
Decimal(12801093) contains.

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**Color**

**Decimal(12801093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35445
RGB	195, 84, 69
RGB Percent	76%, 33%, 27%
CMY	0.2353, 0.6706, 0.7294
CMYK	0.00, 0.57, 0.65, 0.24
HSL	7°, 51%, 52%
HSV	7°, 65%, 76%
XYZ	26.7502, 18.3724, 7.7666
YIQ	115.4790, 70.9710, 18.8670

# Conversions

## Conversions Part 2

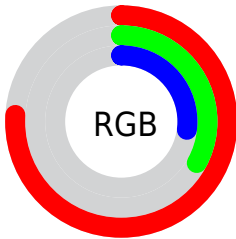
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 86, 69
Decimal	12801093
CIE <sub>Lab</sub>	49.94, 43.42, 30.75
CIE <sub>LCh</sub>	50, 53.210, 35.308
Yxy	18.3724, 0.5058, 0.3474
Android (android.graphics.Color)	4290991173 (0xFFC35445)
YUV	115.4790, -22.9141, 69.7399
Hunter-Lab	42.8631, 36.3887, 19.2611

# Details

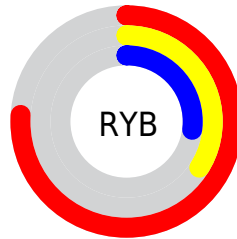
The Decimal color **12801093** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **4568259**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16746870**, and **8855321** is the 20% darker color. If you saturate the color by 10%, you get **12796721**, and if you desaturate by 10%, it is **12805465**.

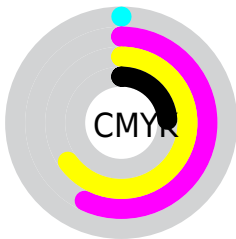
# Distribution



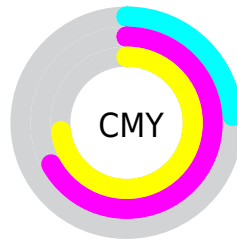
- Red (76%)
- Green (33%)
- Blue (27%)



- Red (76%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (67%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12801093 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 12801093 by changing the saturation by 10% instead.



 12801093       12801093

16777215       10828334

 16746870       8855321

 16753807       6946816

 16761002       5046272

 16768453       3407874

 16775905       0

16777214

 12801093       12801093

 12796721       12805465

■ 12792350

■ 12809836

■ 12787723

■ 12814464

■ 12785408

■ 12818835

■ 12823207

■ 12827578

■ 12831950

■ 12836321

■ 12840948

# Harmonies

## Analogous

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



13126257



12801093



11232801

# Triad

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



12801093



35407



31185

# Complementary

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



12801093



4568259

# 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.



34249



12801093



35966

# Square

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



12801093



5735206



35754



8546241

# Rectangle

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



12801093



9728527



35754



32465



# Sweetspot

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



12801093



16569036



12797364



8414818



0



8421504



# Same Dimension

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



12801093



16535352



12817221



6379607



10556160



2163712

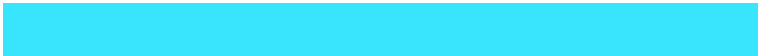


# Inverse Universe

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



4568259



3728892



4552131



5726305



36513

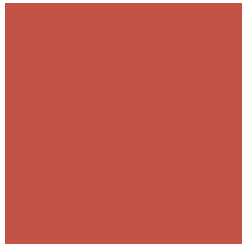


7457



# Previews

## White Background



This preview shows how the Decimal color 12801093 looks on a white background.

## Color Contrast Check

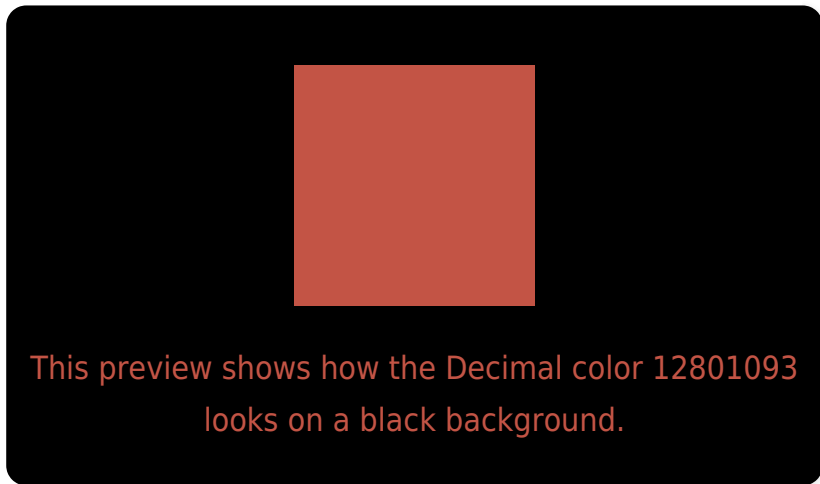
Large Text (above 18pt) WCAG AA ✓ Pass

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

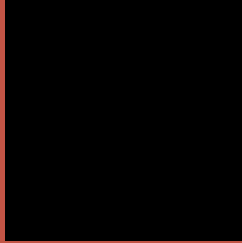
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12801093 Background



This preview shows how black text looks on a background with the Decimal color 12801093.



This preview shows how white text looks on a background with the Decimal color 12801093.

# 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**  
12801093

**Protanomaly**  
10054221

**Deuteranomaly**  
10774337

**Tritanomaly**  
12866384

# Monochromacy



**Original Color**  
12801093

**Achromatopsia**  
7566195

**Achromatomaly**  
9463906

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12801093 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 #C35445 looks like.

```
.text, #text, p{  
  color:#C35445  
}
```

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 #C35445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35445
}
```

## Border

The CSS property to change the border of an element to Decimal 12801093 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
#C35445 }
```

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

```
.border{ border-color:#C35445 }
```

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

Here you see how a box with a 4 pixel #C35445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35445; -webkit-box-shadow:4px 4px  
4px 4px #C35445; box-shadow:4px 4px 4px  
4px #C35445 }
```

# Background

The CSS property to change the background color of an element to Decimal 12801093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35445 }
```

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

```
.background{ background-color:#C35445 }
```

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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