

Converting Colors

Decimal(12738048)

Have a look what the booklet for
Decimal(12738048) contains.

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Color

Decimal(12738048)

Conversions

Conversions Part 1

Format	Color
Hex	C25E00
RGB	194, 94, 0
RGB Percent	76%, 37%, 0%
CMY	0.2392, 0.6314, 1.0000
CMYK	0.00, 0.52, 1.00, 0.24
HSL	29°, 100%, 38%
HSV	29°, 100%, 76%
XYZ	26.2508, 19.4747, 2.3754
YIQ	113.1840, 89.7740, -8.0340

Conversions

Conversions Part 2

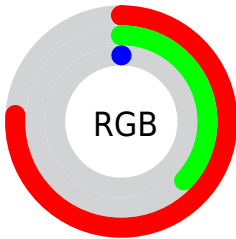
Format	Color
RYB	194, 182, 0
Decimal	12738048
CIELab	51.24, 35.80, 60.04
CIELCh	51, 69.904, 59.198
Yxy	19.4747, 0.5457, 0.4049
Android (android.graphics.Color)	4290928128 (0xFFC25E00)
YUV	113.1840, -55.7997, 70.8756
Hunter-Lab	44.1302, 28.9528, 27.6997

Details

The Decimal color **12738048** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **25794**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **16749119**, and **8727552** is the 20% darker color. If you saturate the color by 10%, you get **12738048**, and if you desaturate by 10%, it is **12740627**.

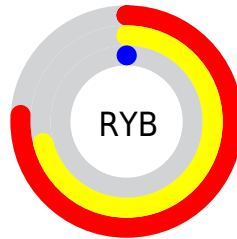
Distribution



Red (76%)

Green (37%)

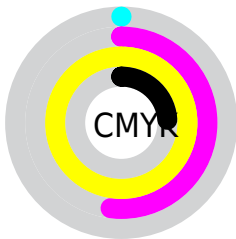
Blue (0%)



Red (76%)

Yellow (71%)

Blue (0%)

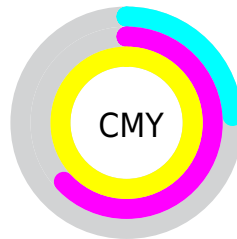


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (24%)



Cyan (24%)


















Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12738048 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 12738048 by changing the saturation by 10% instead.

 12738048	 12738048
 16777215	 10700032
 16749119	 8727552
 16756057	 6755072
 16763251	 4849664
 16770446	 3211265
 16777129	 0
 16777157	
 16777186	
 12738048	

 12740627

 12743207

 12745786

 12748366

 12750945

 12753524

 12756104

 12758683

 12761263

Harmonies

Analogous

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



14565188



12738048



9795328

Triad

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



12738048



38007



7367651

Complementary

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



12738048



25794

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.



33523



12738048



38067

Square

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



12738048



36920



36833



12536760

Rectangle

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



12738048



7308032



36833



4027628

Sweetspot

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



12738048



16569777



12714084



8415314



0



8421504

Same Dimension

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



12738048



16546304



12762880



6380631



10571264



2166784

Inverse Universe

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



25794



33532



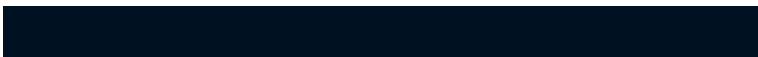
962



5725281



21409



4385

Previews

White Background



This preview shows how the Decimal color 12738048 looks on a white background.

Color Contrast Check

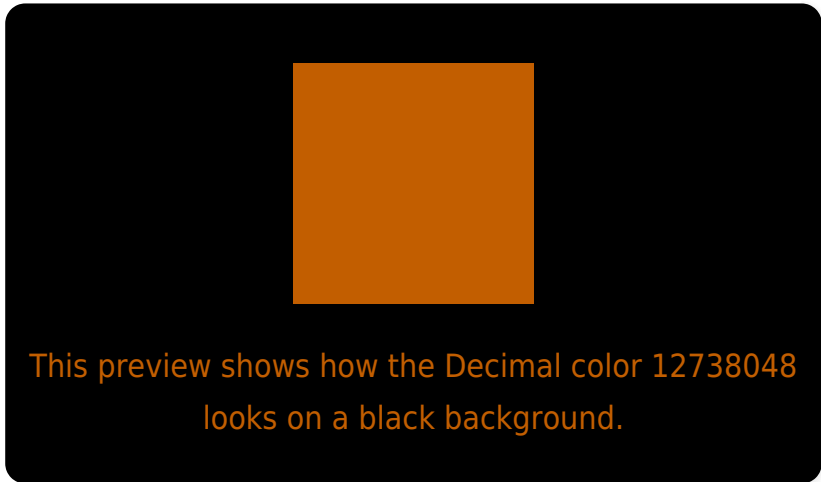
Large Text (above 18pt) WCAG AA ✓ Pass

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 12738048 Background



This preview shows how black text looks on a background with the Decimal color 12738048.



This preview shows how white text looks on a background with the Decimal color 12738048.

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

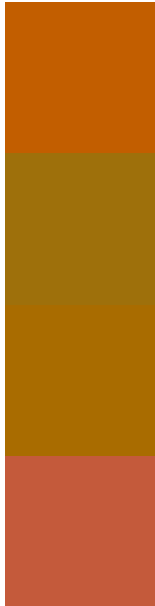


Original Color
12738048

Protanopia
9075473

Deuteranopia
10187776

Trichromacy



Original Color
12738048

Protanomaly
10383371

Deuteranomaly
11103232

Tritanomaly
12868155

Monochromacy



Original Color
12738048

Achromatopsia
7434609

Achromatomaly
9333320

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12738048 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 #C25E00 looks like.

```
.text, #text, p{  
  color:#C25E00  
}
```

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 #C25E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C25E00
}
```

Border

The CSS property to change the border of an element to Decimal 12738048 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
#C25E00 }
```

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

```
.border{ border-color:#C25E00 }
```

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

Here you see how a box with a 4 pixel #C25E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C25E00; -webkit-box-shadow:4px 4px  
4px 4px #C25E00; box-shadow:4px 4px 4px  
4px #C25E00 }
```

Background

The CSS property to change the background color of an element to Decimal 12738048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C25E00 }
```

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

```
.background{ background-color:#C25E00 }
```

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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