

Converting Colors

Decimal(12790325)

Have a look what the booklet for
Decimal(12790325) contains.

| | |
|--|----|
| Decimal(12790325) | 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(12790325)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C32A35 |
| RGB | 195, 42, 53 |
| RGB Percent | 76%, 16%, 21% |
| CMY | 0.2353, 0.8353, 0.7922 |
| CMYK | 0.00, 0.78, 0.73, 0.24 |
| HSL | 356°, 65%, 46% |
| HSV | 356°, 78%, 76% |
| XYZ | 23.9762, 13.5151, 4.7131 |
| YIQ | 89.0010, 87.6570, 35.8570 |

Conversions

Conversions Part 2

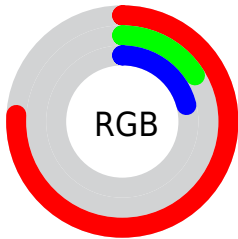
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 195, 42, 53 |
| Decimal | 12790325 |
| CIE Lab | 43.53, 59.33, 32.41 |
| CIE LCh | 44, 67.610, 28.648 |
| Yxy | 13.5151, 0.5681, 0.3202 |
| Android (android.graphics.Color) | 4290980405 (0xFFC32A35) |
| YUV | 89.0010, -17.7485, 92.9611 |
| Hunter-Lab | 36.7629, 52.0803, 18.1328 |

Details

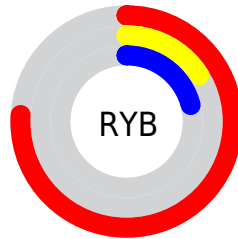
The Decimal color **12790325** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2802616**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16737892**, and **8716298** is the 20% darker color. If you saturate the color by 10%, you get **12785187**, and if you desaturate by 10%, it is **12795207**.

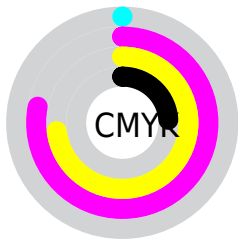
Distribution



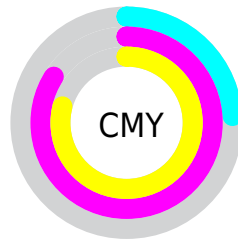
- Red (76%)
- Green (16%)
- Blue (21%)



- Red (76%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (78%)
- Yellow (73%)
- Black (24%)



- Cyan (24%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12790325 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 12790325 by changing the saturation by 10% instead.

 12790325  12790325

16777215  10747936

 16737892  8716298

 16745085  6750208

 16752279  4784129

 16759730  2883585

 16767181  0

 16774633

 12790325  12790325

 12785187  12795207

 12780305

 12800345

 12779534

 12805227

 12810365

 12815247

 12820386

 12825524

 12830406

 12835544

Harmonies

Analogous

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



12851308



12790325



11094784

Triad

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



12790325



31527



28632

Complementary

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



12790325



2802616

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.



31687



12790325



32355

Square

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



12790325



4748032



32667



5790155

Rectangle

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



12790325



9395456



32667



29910

Sweetspot

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



12790325



16564420



11938499



8411997



0



8421504

Same Dimension

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



12790325



16518944



12806698



6379352



10551308



2162690

Inverse Universe

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



12790325



16518944



2786243



6379352



10551308



2162690

Previews

White Background



This preview shows how the Decimal color 12790325 looks on a white background.

Color Contrast Check

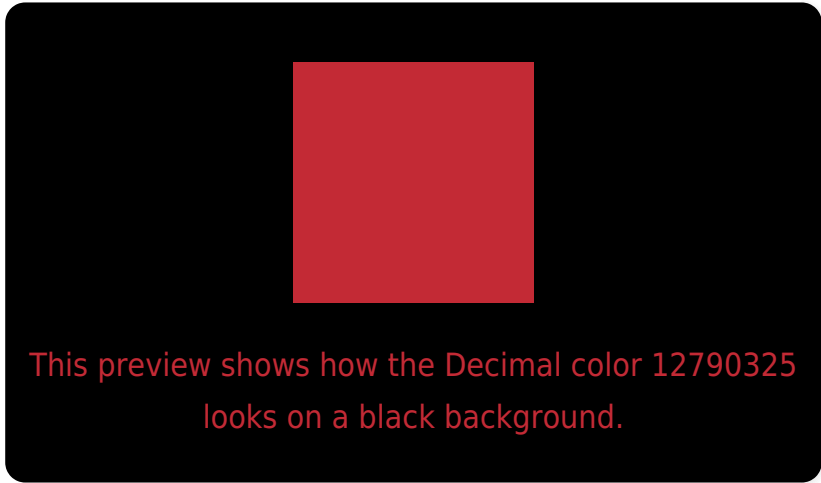
Large Text (above 18pt) WCAG AA ✓ Pass

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 12790325 Background



This preview shows how black text looks on a background with the Decimal color 12790325.

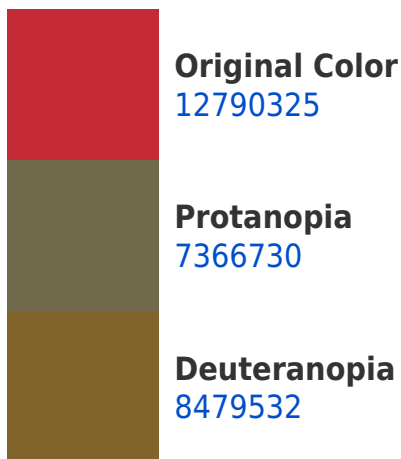


This preview shows how white text looks on a background with the Decimal color 12790325.

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
12790325

Protanomaly
9326914

Deuteranomaly
10047023

Tritanomaly
12790575

Monochromacy



Original Color
12790325

Achromatopsia
5855577

Achromatomaly
8407116

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12790325 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 #C32A35 looks like.

```
.text, #text, p{  
  color:#C32A35  
}
```

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 #C32A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C32A35
}
```

Border

The CSS property to change the border of an element to Decimal 12790325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

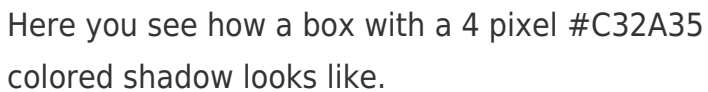
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C32A35 }
```

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

```
.border{ border-color:#C32A35 }
```

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



Here you see how a box with a 4 pixel `#C32A35` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C32A35; -webkit-box-shadow:4px 4px  
4px 4px #C32A35; box-shadow:4px 4px 4px  
4px #C32A35 }
```

Background

The CSS property to change the background color of an element to Decimal 12790325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C32A35 }
```

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

```
.background{ background-color:#C32A35 }
```

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