

Converting Colors

Decimal(12795421)

Have a look what the booklet for
Decimal(12795421) contains.

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Color

Decimal(12795421)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C33E1D |
| RGB | 195, 62, 29 |
| RGB Percent | 76%, 24%, 11% |
| CMY | 0.2353, 0.7569, 0.8863 |
| CMYK | 0.00, 0.68, 0.85, 0.24 |
| HSL | 12°, 74%, 44% |
| HSV | 12°, 85%, 76% |
| XYZ | 24.4501, 15.1361, 2.7953 |
| YIQ | 98.0050, 89.8610, 17.9330 |

Conversions

Conversions Part 2

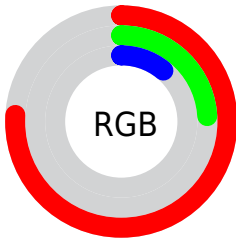
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 195, 70, 29 |
| Decimal | 12795421 |
| CIELab | 45.82, 51.53, 47.59 |
| CIElCh | 46, 70.139, 42.723 |
| Yxy | 15.1361, 0.5769, 0.3571 |
| Android (android.graphics.Color) | 4290985501 (0xFFC33E1D) |
| YUV | 98.0050, -34.0195, 85.0646 |
| Hunter-Lab | 38.9051, 44.0952, 22.9736 |

Details

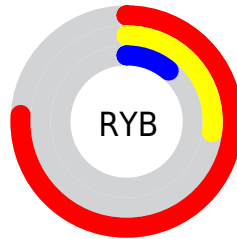
The Decimal color **12795421** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1942211**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **16741709**, and **8716288** is the 20% darker color. If you saturate the color by 10%, you get **12791306**, and if you desaturate by 10%, it is **12799537**.

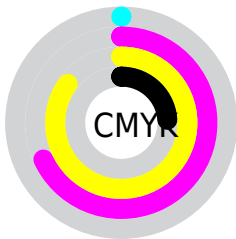
Distribution



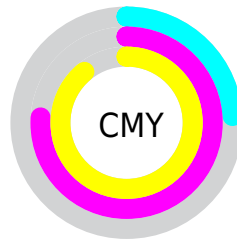
- Red (76%)
- Green (24%)
- Blue (11%)



- Red (76%)
- Yellow (27%)
- Blue (11%)



- Cyan (0%)
- Magenta (68%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12795421 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 12795421 by changing the saturation by 10% instead.

 12795421

 12795421

16777215

 10756100

 16741709

 8716288

 16748646

 6684672

 16755839

 4784128

 16763034

 2949122

 16770485

 0

 16777169

 16777197

 12795421

 12795421

12791306

12799537

12789504

12803396

12807512

12811371

12815487

12819602

12823462

12827577

12831693

Harmonies

Analogous

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



13769814



12795421



10444032

Triad

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



12795421



33863



27873

Complementary

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



12795421



1942211

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.



32222



12795421



34437

Square

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



12795421



2129408



33980



9195460

Rectangle

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



12795421



8350720



33980



29667

Sweetspot

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



12795421



16566459



12787109



8413272



0



8421504

Same Dimension

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



12795421



16527872



12815901



6379863



10559488



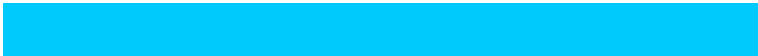
2164480

Inverse Universe

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



1942211



51964



1921731



5726049



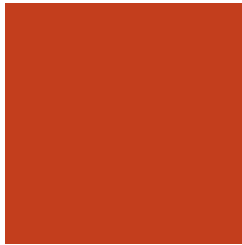
33185



6945

Previews

White Background



This preview shows how the Decimal color 12795421 looks on a white background.

Color Contrast Check

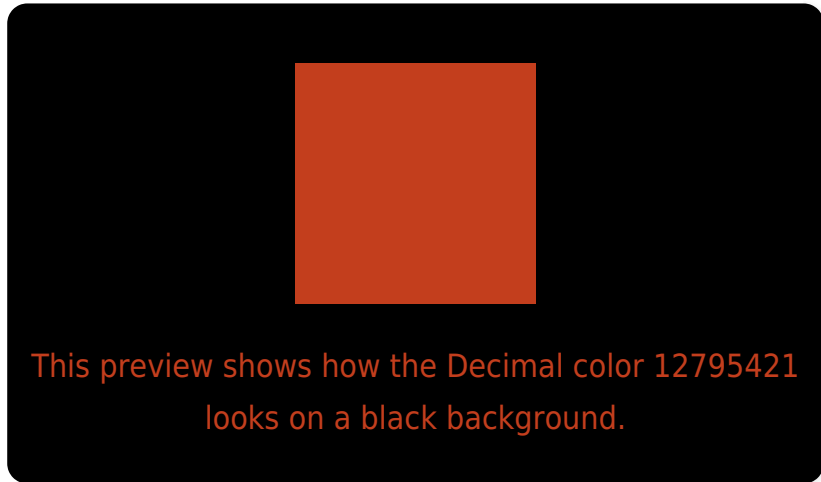
Large Text (above 18pt) WCAG AA ✓ Pass

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 12795421 Background



This preview shows how black text looks on a background with the Decimal color 12795421.



This preview shows how white text looks on a background with the Decimal color 12795421.

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

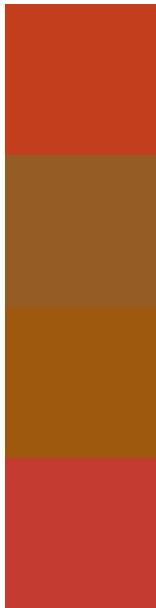


Original Color
12795421

Protanopia
8023337

Deuteranopia
9070597

Trichromacy



Original Color
12795421

Protanomaly
9788453

Deuteranomaly
10443022

Tritanomaly
12860465

Monochromacy



Original Color
12795421

Achromatopsia
6447714

Achromatomaly
8738121

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12795421 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 #C33E1D looks like.

```
.text, #text, p{  
    color:#C33E1D  
}
```

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 #C33E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33E1D
}
```

Border

The CSS property to change the border of an element to Decimal 12795421 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
#C33E1D }
```

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

```
.border{ border-color:#C33E1D }
```

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

Here you see how a box with a 4 pixel #C33E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33E1D; -webkit-box-shadow:4px 4px  
4px 4px #C33E1D; box-shadow:4px 4px 4px  
4px #C33E1D }
```

Background

The CSS property to change the background color of an element to Decimal 12795421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33E1D }
```

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

```
.background{ background-color:#C33E1D }
```

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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