

Converting Colors

Decimal(12603677)

Have a look what the booklet for
Decimal(12603677) contains.

Decimal(12603677)	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(12603677)

Conversions

Conversions Part 1

Format	Color
Hex	C0511D
RGB	192, 81, 29
RGB Percent	75%, 32%, 11%
CMY	0.2471, 0.6824, 0.8863
CMYK	0.00, 0.58, 0.85, 0.25
HSL	19°, 74%, 43%
HSV	19°, 85%, 75%
XYZ	24.9024, 17.1800, 3.1660
YIQ	108.2610, 82.8480, 7.3600

Conversions

Conversions Part 2

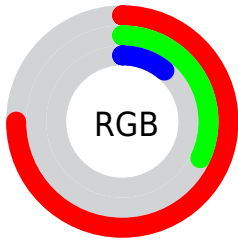
Format	Color
RYB	192, 105, 29
Decimal	12603677
CIELab	48.49, 41.98, 49.68
CIELCh	48, 65.046, 49.800
Yxy	17.1800, 0.5503, 0.3797
Android (android.graphics.Color)	4290793757 (0xFFC0511D)
YUV	108.2610, -39.0757, 73.4391
Hunter-Lab	41.4488, 34.7073, 24.4854

Details

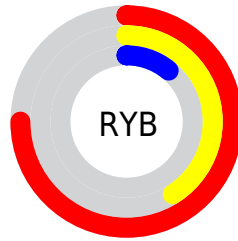
The Decimal color **12603677** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **1936576**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16745806**, and **8592384** is the 20% darker color. If you saturate the color by 10%, you get **12600330**, and if you desaturate by 10%, it is **12607024**.

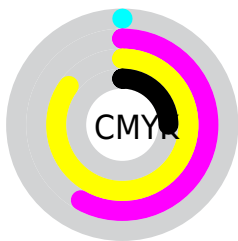
Distribution



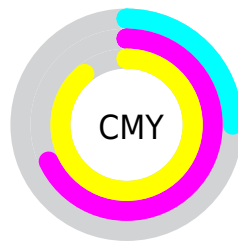
- Red (75%)
- Green (32%)
- Blue (11%)



- Red (75%)
- Yellow (41%)
- Blue (11%)



- Cyan (0%)
- Magenta (58%)
- Yellow (85%)
- Black (25%)





















- Cyan (25%)
- Magenta (68%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12603677 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 12603677 by changing the saturation by 10% instead.

 12603677	 12603677
 16777215	 10565377
 16745806	 8592384
 16752743	 6619136
 16759937	 4718592
 16767388	 3080194
 16774583	 0
 16777171	
 16777200	
 12603677	 12603677

12600330

12607024

12598528

12610371

12613719

12617066

12620413

12623760

12627363

12630711

12634058

Harmonies

Analogous

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



13842258



12603677



10185216

Triad

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



12603677



35422



4287964

Complementary

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



12603677



1936576

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.



32736



12603677



35991

Square

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



12603677



1279524



35271



10572475

Rectangle

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



12603677



8091136



35271



29921

Sweetspot

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



12603677



16437179



12590476



8217431



16579836



8224125

Same Dimension

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



12603677



16404480



12624413



6380119



10564352



2165504

Inverse Universe

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



1936576



43770



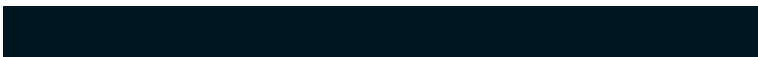
1915840



5725793



28065



5921

Previews

White Background



This preview shows how the Decimal color 12603677 looks on a white background.

Color Contrast Check

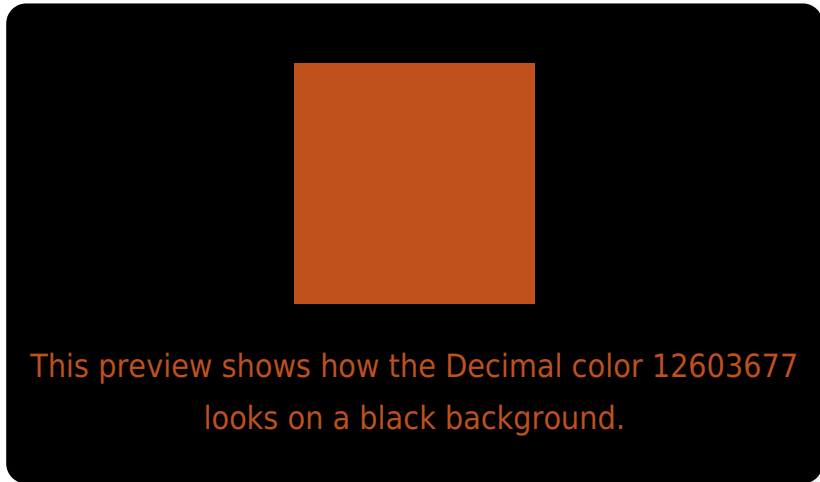
Large Text (above 18pt) WCAG AA ✓ Pass

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 12603677 Background



This preview shows how black text looks on a background with the Decimal color 12603677.



This preview shows how white text looks on a background with the Decimal color 12603677.

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
12603677

Protanopia
8549414

Deuteranopia
9596430

Trichromacy



Original Color
12603677

Protanomaly
10053411

Deuteranomaly
10707731

Tritanomaly
12668478

Monochromacy



Original Color
12603677

Achromatopsia
7105644

Achromatomaly
9134671

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12603677 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 #C0511D looks like.

```
.text, #text, p{  
    color:#C0511D  
}
```

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 #C0511D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0511D
}
```

Border

The CSS property to change the border of an element to Decimal 12603677 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
#C0511D }
```

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

```
.border{ border-color:#C0511D }
```

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

Here you see how a box with a 4 pixel #C0511D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0511D; -webkit-box-shadow:4px 4px  
4px 4px #C0511D; box-shadow:4px 4px 4px  
4px #C0511D }
```

Background

The CSS property to change the background color of an element to Decimal 12603677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0511D }
```

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

```
.background{ background-color:#C0511D }
```

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