

Converting Colors

Decimal(8012066)

Have a look what the booklet for
Decimal(8012066) contains.

Decimal(8012066)	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(8012066)

Conversions

Conversions Part 1

Format	Color
Hex	7A4122
RGB	122, 65, 34
RGB Percent	48%, 25%, 13%
CMY	0.5216, 0.7451, 0.8667
CMYK	0.00, 0.47, 0.72, 0.52
HSL	21°, 56%, 31%
HSV	21°, 72%, 48%
XYZ	10.2051, 8.0337, 2.5262
YIQ	78.5090, 43.9230, 2.4430

Conversions

Conversions Part 2

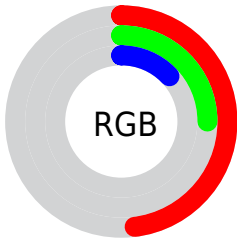
Format	Color
R_{YB}	122, 82, 34
Decimal	8012066
CIE _{Lab}	34.05, 21.90, 29.26
CIE _{LCh}	34, 36.545, 53.183
Yxy	8.0337, 0.4915, 0.3869
Android (android.graphics.Color)	4286202146 (0xFF7A4122)
YUV	78.5090, -21.9429, 38.1416
Hunter-Lab	28.3437, 14.6669, 14.5563

Details

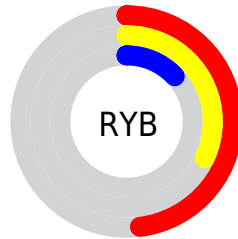
The Decimal color **8012066** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2251642**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **11694672**, and **4527104** is the 20% darker color. If you saturate the color by 10%, you get **8010006**, and if you desaturate by 10%, it is **8014126**.

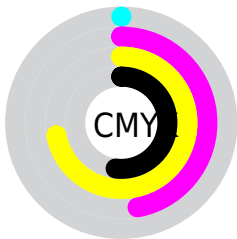
Distribution



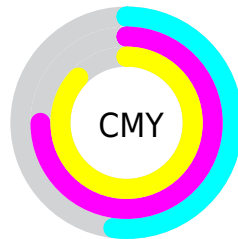
- Red (48%)
- Green (25%)
- Blue (13%)



- Red (48%)
- Yellow (32%)
- Blue (13%)



- Cyan (0%)
- Magenta (47%)
- Yellow (72%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8012066 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 8012066 by changing the saturation by 10% instead.



8012066



8012066

16777215



6236684



11694672



4527104



13601640



2818048



15574658



0



16761244



16768439



16775891



16777199



8012066



8012066

■ 8010006

■ 8014126

■ 8007946

■ 8016186

■ 8006400

■ 8018247

■ 8020307

■ 8022367

■ 8024171

■ 8026231

■ 8028292

■ 8030352

Harmonies

Analogous

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



8730427



8012066



6638610

Triad

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



8012066



24136



4541318

Complementary

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



8012066



2251642

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.



21898



8012066



24166

Square

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



8012066



2448172



23422



7159667

Rectangle

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



8012066



5460754



23422



3231625

Sweetspot

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



8012066



10389627



8004187



5194298



13619151



5197647

Same Dimension

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



8012066



10372373



8023330



4012343



8203264



16537856

Inverse Universe

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



2251642



1404574



2240378



3619645



20861



42236

Previews

White Background



This preview shows how the Decimal color 8012066 looks on a white background.

Color Contrast Check

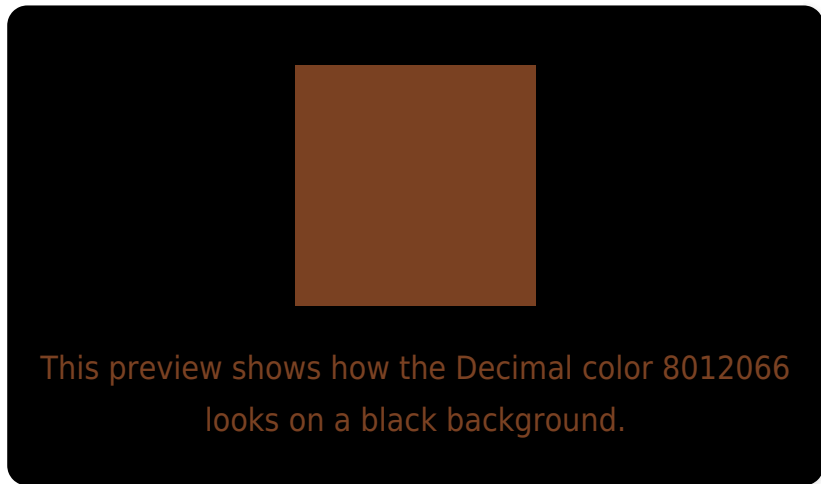
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 8012066 Background



This preview shows how black text looks on a background with the Decimal color 8012066.



This preview shows how white text looks on a background with the Decimal color 8012066.

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
8012066

Protanopia
5853479

Deuteranopia
6638879



Tritanopia
8142146

Trichromacy



Original Color
8012066

Protanomaly
6638373

Deuteranomaly
7162144

Tritanomaly
8076854

Monochromacy



Original Color
8012066

Achromatopsia
5197647

Achromatomaly
6244927

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8012066 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 #7A4122 looks like.

```
.text, #text, p{  
    color:#7A4122  
}
```

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 #7A4122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4122
}
```

Border

The CSS property to change the border of an element to Decimal 8012066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

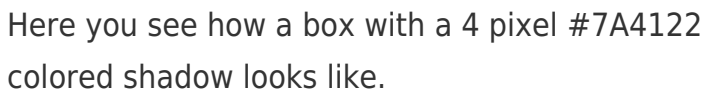
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4122 }
```

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

```
.border{ border-color:#7A4122 }
```

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



Here you see how a box with a 4 pixel #7A4122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4122; -webkit-box-shadow:4px 4px  
4px 4px #7A4122; box-shadow:4px 4px 4px  
4px #7A4122 }
```

Background

The CSS property to change the background color of an element to Decimal 8012066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4122 }
```

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

```
.background{ background-color:#7A4122 }
```

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