

Converting Colors

Decimal(8726047)

Have a look what the booklet for
Decimal(8726047) contains.

Decimal(8726047)	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(8726047)

Conversions

Conversions Part 1

Format	Color
Hex	85261F
RGB	133, 38, 31
RGB Percent	52%, 15%, 12%
CMY	0.4784, 0.8510, 0.8784
CMYK	0.00, 0.71, 0.77, 0.48
HSL	4°, 62%, 32%
HSV	4°, 77%, 52%
XYZ	10.6133, 6.4717, 1.9861
YIQ	65.6070, 58.8670, 17.9630

Conversions

Conversions Part 2

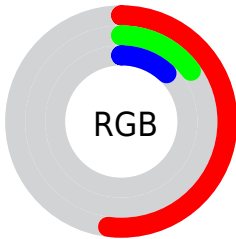
Format	Color
R_{YB}	133, 39, 31
Decimal	8726047
CIE Lab	30.57, 40.03, 27.65
CIE LCh	31, 48.650, 34.635
Yxy	6.4717, 0.5565, 0.3393
Android (android.graphics.Color)	4286916127 (0xFF85261F)
YUV	65.6070, -17.0613, 59.1037
Hunter-Lab	25.4395, 29.9505, 13.1788

Details

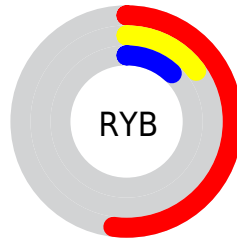
The Decimal color **8726047** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2064005**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **12605772**, and **4980736** is the 20% darker color. If you saturate the color by 10%, you get **8722962**, and if you desaturate by 10%, it is **8729132**.

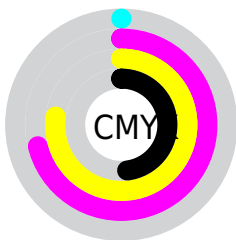
Distribution



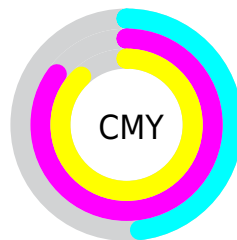
- Red (52%)
- Green (15%)
- Blue (12%)



- Red (52%)
- Yellow (15%)
- Blue (12%)



- Cyan (0%)
- Magenta (71%)
- Yellow (77%)
- Black (48%)



- Cyan (48%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8726047 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 8726047 by changing the saturation by 10% instead.

 8726047

 8726047

16777215

 6817545

 12605772

 4980736

 14578532

 3342338

 16551549

 0

 16755095

 16762289

 16769741

 16777193

 8726047

 8726047

■ 8722962

■ 8729132

■ 8719620

■ 8732474

■ 8718592

■ 8735559

■ 8738900

■ 8741986

■ 8745071

■ 8748412

■ 8751497

■ 8754583

Harmonies

Analogous

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



8984900



8726047



7420160

Triad

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



8726047



22309



19348

Complementary

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



8726047



2064005

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.



21645



8726047



22861

Square

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



8726047



2839040



22642



5127047

Rectangle

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



8726047



6177792



22642



20372

Sweetspot

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



8726047



11372678



8724350



5718078



14079702



5723991

Same Dimension

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



8726047



11344142



8739103



4340796



8521984



196608

Inverse Universe

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



2064005



959149



2050949



3949122



31106



515

Previews

White Background



This preview shows how the Decimal color 8726047 looks on a white background.

Color Contrast Check

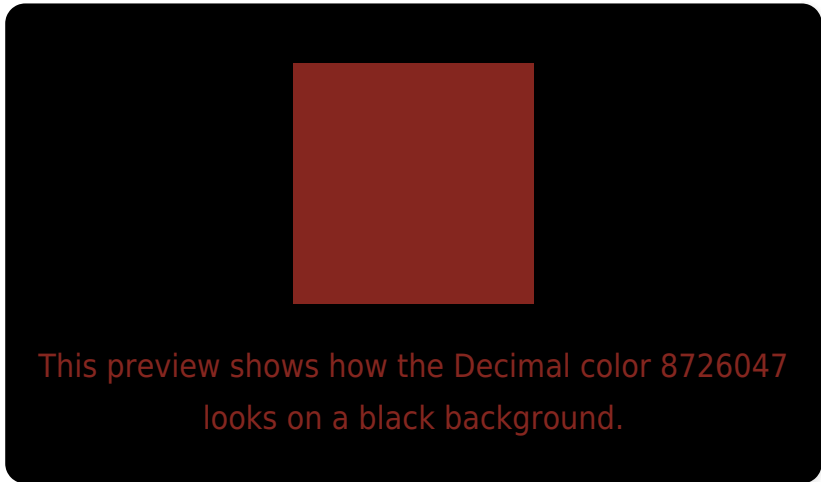
Large Text (above 18pt) WCAG AA ✓ Pass

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 8726047 Background



This preview shows how black text looks on a background with the Decimal color 8726047.

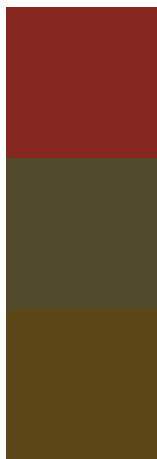


This preview shows how white text looks on a background with the Decimal color 8726047.

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

8726047

Protanopia

5261610

Deuteranopia

6047256

Trichromacy



Original Color

8726047

Protanomaly

6503462

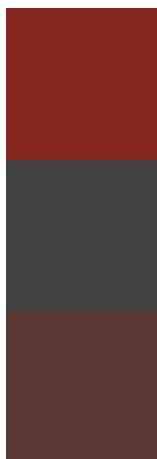
Deuteranomaly

7027227

Tritanomaly

8725796

Monochromacy



Original Color

8726047

Achromatopsia

4342338

Achromatomaly

5912629

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8726047 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 #85261F looks like.

```
.text, #text, p{  
    color:#85261F  
}
```

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 #85261F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85261F
}
```

Border

The CSS property to change the border of an element to Decimal 8726047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

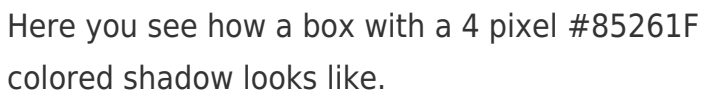
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85261F }
```

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

```
.border{ border-color:#85261F }
```

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



Here you see how a box with a 4 pixel #85261F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85261F; -webkit-box-shadow:4px 4px  
4px 4px #85261F; box-shadow:4px 4px 4px  
4px #85261F }
```

Background

The CSS property to change the background color of an element to Decimal 8726047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85261F }
```

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

```
.background{ background-color:#85261F }
```

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