

Converting Colors

Decimal(8481312)

Have a look what the booklet for
Decimal(8481312) contains.

Decimal(8481312)	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(8481312)

Conversions

Conversions Part 1

Format	Color
Hex	816A20
RGB	129, 106, 32
RGB Percent	51%, 42%, 13%
CMY	0.4941, 0.5843, 0.8745
CMYK	0.00, 0.18, 0.75, 0.49
HSL	46°, 60%, 32%
HSV	46°, 75%, 51%
XYZ	14.4680, 15.0795, 3.5146
YIQ	104.4410, 37.4620, -18.1380

Conversions

Conversions Part 2

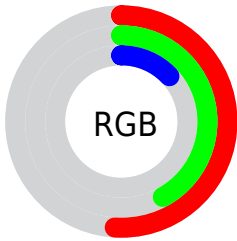
Format	Color
RYB	62, 129, 32
Decimal	8481312
CIELab	45.74, 0.84, 42.77
CIELCh	46, 42.782, 88.881
Yxy	15.0795, 0.4376, 0.4561
Android (android.graphics.Color)	4286671392 (0xFF816A20)
YUV	104.4410, -35.7134, 21.5382
Hunter-Lab	38.8323, -1.4516, 21.8165

Details

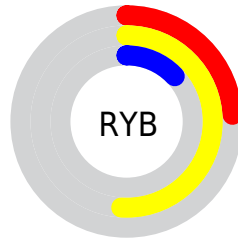
The Decimal color **8481312** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2111361**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **12164434**, and **5061376** is the 20% darker color. If you saturate the color by 10%, you get **8480531**, and if you desaturate by 10%, it is **8482093**.

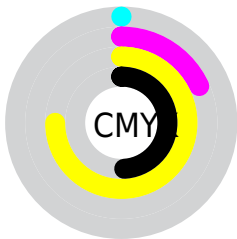
Distribution



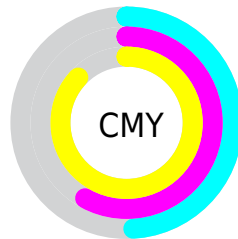
- Red (51%)
- Green (42%)
- Blue (13%)



- Red (24%)
- Yellow (51%)
- Blue (13%)



- Cyan (0%)
- Magenta (18%)
- Yellow (75%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8481312 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 8481312 by changing the saturation by 10% instead.



8481312



8481312

16777215



6705667



12164434



5061376



14006379



3352064



15979397



1708544



16773280



0



16777147



16777175



16777204



8481312



8481312

■ 8480531

■ 8482093

■ 8479750

■ 8482874

■ 8479232

■ 8483655

■ 8484436

■ 8485217

■ 8485997

■ 8486778

■ 8487559

■ 8488596

Harmonies

Analogous

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



10313007



8481312



6124586

Triad

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



8481312



32142



9917842

Complementary

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



8481312



2111361

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.



7037867



8481312



31145

Square

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



8481312



32362



618932



11291759

Rectangle

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



8481312



4225339



618932



9132444

Sweetspot

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



8481312



11050882



8462392



5525309



13948116



5526612

Same Dimension

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



8481312



11043857



6914336



4210233



8413440



0

Inverse Universe

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



2111361



1127848



3678337



3750720



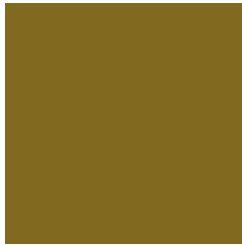
7808



0

Previews

White Background



This preview shows how the Decimal color 8481312 looks on a white background.

Color Contrast Check

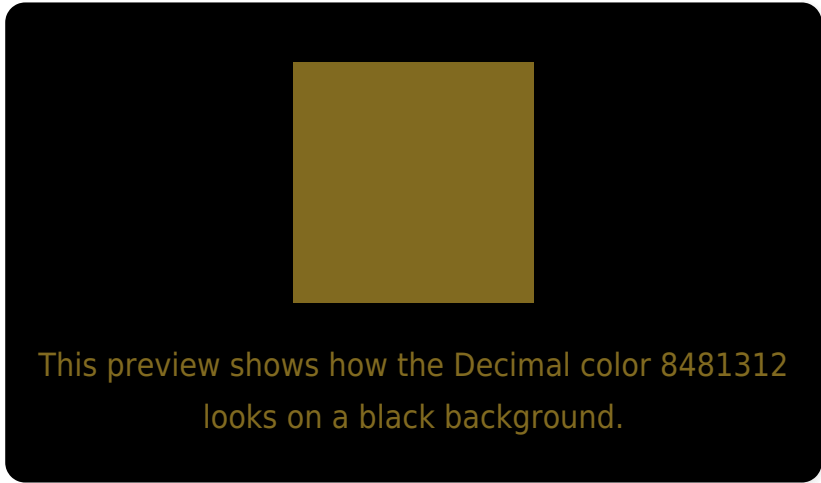
Large Text (above 18pt) WCAG AA ✓ Pass

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 8481312 Background



This preview shows how black text looks on a background with the Decimal color 8481312.



This preview shows how white text looks on a background with the Decimal color 8481312.

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
8481312

Protanopia
8023329

Deuteranopia
8939297



Tritanopia
8807275

Trichromacy



Original Color
8481312

Protanomaly
8219681

Deuteranomaly
8742945

Tritanomaly
8676944

Monochromacy



Original Color
8481312

Achromatopsia
6842472

Achromatomaly
7432526

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8481312 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 #816A20 looks like.

```
.text, #text, p{  
    color:#816A20  
}
```

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 #816A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816A20
}
```

Border

The CSS property to change the border of an element to Decimal 8481312 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
#816A20 }
```

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

```
.border{ border-color:#816A20 }
```

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

Here you see how a box with a 4 pixel #816A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816A20; -webkit-box-shadow:4px 4px  
4px 4px #816A20; box-shadow:4px 4px 4px  
4px #816A20 }
```

Background

The CSS property to change the background color of an element to Decimal 8481312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816A20 }
```

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

```
.background{ background-color:#816A20 }
```

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