

Converting Colors

Decimal(8220417)

Have a look what the booklet for
Decimal(8220417) contains.

Decimal(8220417)	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(8220417)

Conversions

Conversions Part 1

Format	Color
Hex	7D6F01
RGB	125, 111, 1
RGB Percent	49%, 44%, 0%
CMY	0.5098, 0.5647, 0.9961
CMYK	0.00, 0.11, 0.99, 0.51
HSL	53°, 98%, 25%
HSV	53°, 99%, 49%
XYZ	14.1474, 15.7310, 2.3195
YIQ	102.6460, 43.6540, -31.2420

Conversions

Conversions Part 2

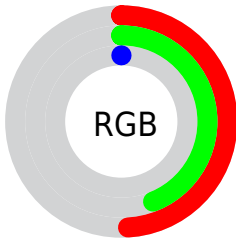
Format	Color
RYB	17, 125, 1
Decimal	8220417
CIELab	46.62, -4.93, 52.52
CIELCh	47, 52.754, 95.363
Yxy	15.7310, 0.4394, 0.4886
Android (android.graphics.Color)	4286410497 (0xFF7D6F01)
YUV	102.6460, -50.1115, 19.6045
Hunter-Lab	39.6624, -5.7391, 24.2964

Details

The Decimal color **8220417** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **69501**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **11903551**, and **4734976** is the 20% darker color. If you saturate the color by 10%, you get **8220416**, and if you desaturate by 10%, it is **8220685**.

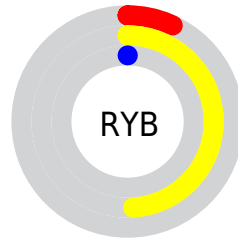
Distribution



Red (49%)

Green (44%)

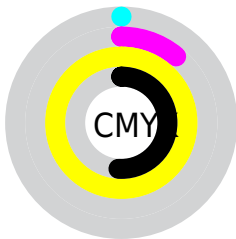
Blue (0%)



Red (7%)

Yellow (49%)

Blue (0%)

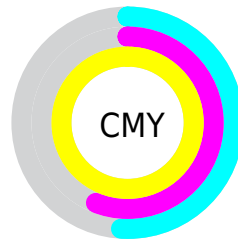


Cyan (0%)

Magenta (11%)

Yellow (99%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8220417 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 8220417 by changing the saturation by 10% instead.



8220417



8220417

16777215



6444800



11903551



4734976



13811033



3025408



15718771



1381888



16774542



0



16777129



16777157



16777186



8220417



8220417

■ 8220416

■ 8220685

■ 8221210

■ 8221478

■ 8222003

■ 8222272

■ 8222540

■ 8223065

■ 8223333

■ 8223857

Harmonies

Analogous

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



10575385



8220417



5208606

Triad

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



8220417



33441



11160468

Complementary

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



8220417



69501

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.



7954359



8220417



32191

Square

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



8220417



33653



29127



12403304

Rectangle

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



8220417



1933113



29127



10310049

Sweetspot

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



8220417



10722930



8192271



5393972



13750737



5395026

Same Dimension

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



8220417



10719488



5078273



4210489



8417536



0

Inverse Universe

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



69501



4771



3211645



3750464



3712



0

Previews

White Background



This preview shows how the Decimal color 8220417 looks on a white background.

Color Contrast Check

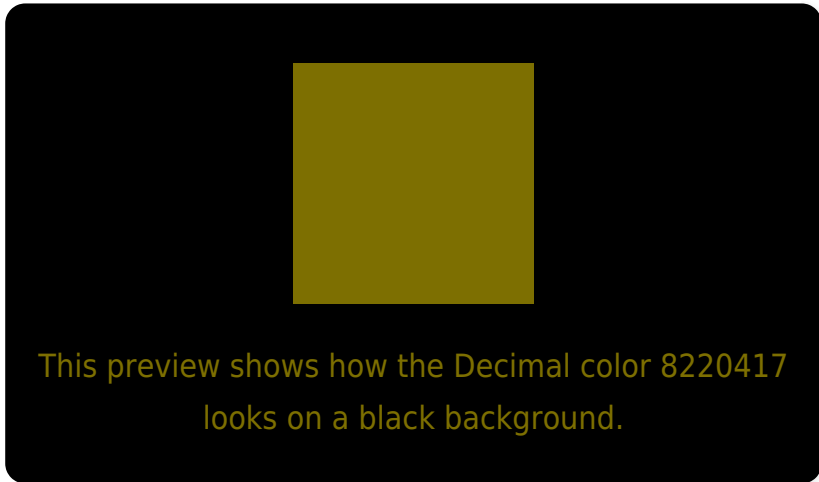
Large Text (above 18pt) WCAG AA ✓ Pass

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 8220417 Background



This preview shows how black text looks on a background with the Decimal color 8220417.



This preview shows how white text looks on a background with the Decimal color 8220417.

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
8220417

Protanopia
8220417

Deuteranopia
9201934



Tritanopia
8611695

Trichromacy



Original Color
8220417

Protanomaly
8220417

Deuteranomaly
8874761

Tritanomaly
8481351

Monochromacy



Original Color
8220417

Achromatopsia
6776679

Achromatomaly
7301698

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8220417 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 #7D6F01 looks like.

```
.text, #text, p{  
    color:#7D6F01  
}
```

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 #7D6F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6F01
}
```

Border

The CSS property to change the border of an element to Decimal 8220417 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
#7D6F01 }
```

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

```
.border{ border-color:#7D6F01 }
```

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

Here you see how a box with a 4 pixel #7D6F01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6F01; -webkit-box-shadow:4px 4px  
4px 4px #7D6F01; box-shadow:4px 4px 4px  
4px #7D6F01 }
```

Background

The CSS property to change the background color of an element to Decimal 8220417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6F01 }
```

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

```
.background{ background-color:#7D6F01 }
```

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