

Converting Colors

Decimal(16428288)

Have a look what the booklet for
Decimal(16428288) contains.

Decimal(16428288)	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(16428288)

Conversions

Conversions Part 1

Format	Color
Hex	FAAD00
RGB	250, 173, 0
RGB Percent	98%, 68%, 0%
CMY	0.0196, 0.3216, 1.0000
CMYK	0.00, 0.31, 1.00, 0.02
HSL	42°, 100%, 49%
HSV	42°, 100%, 98%
XYZ	54.3679, 50.2111, 6.8262
YIQ	176.3010, 101.4250, -37.4790

Conversions

Conversions Part 2

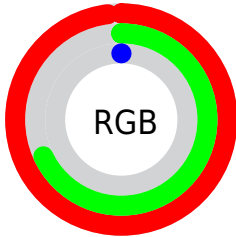
Format	Color
RYB	111, 250, 0
Decimal	16428288
CIELab	76.20, 17.65, 79.51
CIElCh	76, 81.446, 77.487
Yxy	50.2111, 0.4880, 0.4507
Android (android.graphics.Color)	4294618368 (0xFFFAAD00)
YUV	176.3010, -86.9164, 64.6340
Hunter-Lab	70.8598, 12.9513, 43.8902

Details

The Decimal color **16428288** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **19962**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16770129**, and **12286208** is the 20% darker color. If you saturate the color by 10%, you get **16428288**, and if you desaturate by 10%, it is **16430361**.

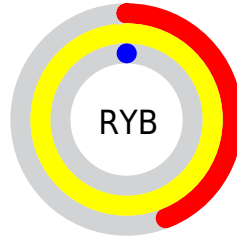
Distribution



Red (98%)

Green (68%)

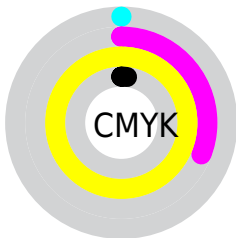
Blue (0%)



Red (44%)

Yellow (98%)

Blue (0%)

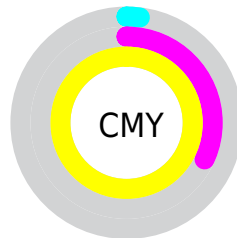


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (2%)



Cyan (2%)


















Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16428288 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 16428288 by changing the saturation by 10% instead.

 16428288	 16428288
16777215	 14324480
 16770129	 12286208
 16777070	 10313728
 16777098	 8341504
 16777127	 6435328
 16777156	 4594688
 16777185	 2885376
	 196608
	 0

 16428288

 16430361

 16432178

 16434251

 16436324

 16438397

 16440214

 16442287

 16444360

 16446177

Harmonies

Analogous

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



16747854



16428288



11978240

Triad

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



16428288



57319



16159743

Complementary

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



16428288



19962

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.



7714303



16428288



56319

Square

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



16428288



56729



52991



16741599

Rectangle

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



16428288



8311093



52991



14065663

Sweetspot

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



16428288



16770995



16384079



8417618



0



8421504

Same Dimension

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



16428288



16756736



13433344



8223088



12419840



4008448

Inverse Universe

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



19962



20479



3014906



7369853



15037



4925

Previews

White Background



This preview shows how the Decimal color 16428288 looks on a white 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

Black Background



This preview shows how the Decimal color 16428288 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16428288 Background



This preview shows how black text looks on a background with the Decimal color 16428288.



This preview shows how white text looks on a background with the Decimal color 16428288.

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
16428288

Protanopia
13942032

Deuteranopia
15643392



Tritanopia
16753326

Trichromacy



Original Color
16428288

Protanomaly
14857994

Deuteranomaly
15905024

Tritanomaly
16623215

Monochromacy



Original Color
16428288

Achromatopsia
11579568

Achromatomaly
13348720

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16428288 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 #FAAD00 looks like.

```
.text, #text, p{  
  color:#FAAD00  
}
```

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 #FAAD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAAD00
}
```

Border

The CSS property to change the border of an element to Decimal 16428288 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
#FAAD00 }
```

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

```
.border{ border-color:#FAAD00 }
```

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

Here you see how a box with a 4 pixel #FAAD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAAD00; -webkit-box-shadow:4px 4px  
4px 4px #FAAD00; box-shadow:4px 4px 4px  
4px #FAAD00 }
```

Background

The CSS property to change the background color of an element to Decimal 16428288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAAD00 }
```

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

```
.background{ background-color:#FAAD00 }
```

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