

Converting Colors

Decimal(16421632)

Have a look what the booklet for
Decimal(16421632) contains.

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Color

Decimal(16421632)

Conversions

Conversions Part 1

Format	Color
Hex	FA9300
RGB	250, 147, 0
RGB Percent	98%, 58%, 0%
CMY	0.0196, 0.4235, 1.0000
CMYK	0.00, 0.41, 1.00, 0.02
HSL	35°, 100%, 49%
HSV	35°, 100%, 98%
XYZ	49.8581, 41.1914, 5.3229
YIQ	161.0390, 108.5750, -23.8810

Conversions

Conversions Part 2

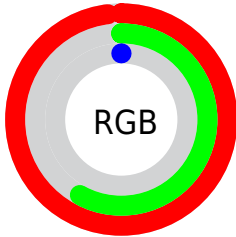
Format	Color
RYB	175, 250, 0
Decimal	16421632
CIELab	70.31, 31.22, 75.68
CIELCh	70, 81.867, 67.583
Yxy	41.1914, 0.5173, 0.4274
Android (android.graphics.Color)	4294611712 (0xFFFA9300)
YUV	161.0390, -79.3922, 78.0188
Hunter-Lab	64.1806, 26.3501, 40.0091

Details

The Decimal color **16421632** 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 **26618**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16763212**, and **12279808** is the 20% darker color. If you saturate the color by 10%, you get **16421632**, and if you desaturate by 10%, it is **16424217**.

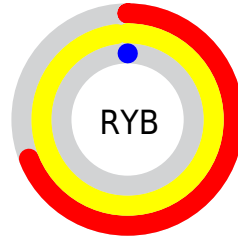
Distribution



Red (98%)

Green (58%)

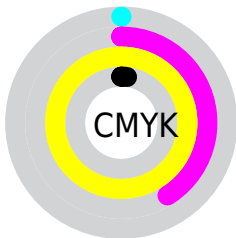
Blue (0%)



Red (69%)

Yellow (98%)

Blue (0%)

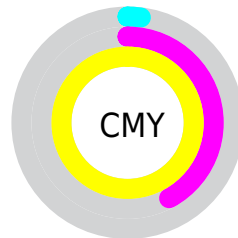


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (2%)



Cyan (2%)


















Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16421632 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 16421632 by changing the saturation by 10% instead.

 16421632	 16421632
16777215	 14317824
 16763212	 12279808
 16770664	 10241792
 16777092	 8204032
 16777120	 6297344
 16777148	 4390912
 16777177	 2883585
 16777207	 0

 16421632

 16424217

 16427058

 16429643

 16432228

 16435069

 16437654

 16440239

 16442824

 16445665

Harmonies

Analogous

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



16740693



16421632



12431104

Triad

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



16421632



52925



12947455

Complementary

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



16421632



26618

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.



45055



16421632



52479

Square

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



16421632



51824



50175



16739046

Rectangle

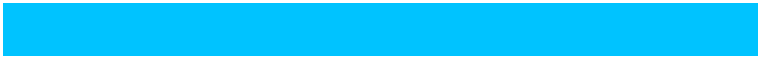
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16421632



9092096



50175



10198015

Sweetspot

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



16421632



16768947



16384104



8416594



0



8421504

Same Dimension

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



16421632



16750080



15071744



8222832



12414720



4006912

Inverse Universe

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



26618



27135



1376506



7370365



20157



6461

Previews

White Background



This preview shows how the Decimal color 16421632 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 16421632 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 16421632 Background



This preview shows how black text looks on a background with the Decimal color 16421632.



This preview shows how white text looks on a background with the Decimal color 16421632.

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
16421632

Protanopia
12758291

Deuteranopia
14328832



Tritanopia
16746899

Trichromacy



Original Color
16421632

Protanomaly
14066700

Deuteranomaly
15113728

Tritanomaly
16616798

Monochromacy



Original Color
16421632

Achromatopsia
10592673

Achromatomaly
12688486

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16421632 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 #FA9300 looks like.

```
.text, #text, p{  
    color:#FA9300  
}
```

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 #FA9300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA9300
}
```

Border

The CSS property to change the border of an element to Decimal 16421632 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
#FA9300 }
```

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

```
.border{ border-color:#FA9300 }
```

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

Here you see how a box with a 4 pixel #FA9300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA9300; -webkit-box-shadow:4px 4px  
4px 4px #FA9300; box-shadow:4px 4px 4px  
4px #FA9300 }
```

Background

The CSS property to change the background color of an element to Decimal 16421632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA9300 }
```

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

```
.background{ background-color:#FA9300 }
```

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](#).

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