

# Converting Colors

Decimal(15629569)

Have a look what the booklet for  
Decimal(15629569) contains.

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# **Color**

**Decimal(15629569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE7D01
RGB	238, 125, 1
RGB Percent	93%, 49%, 0%
CMY	0.0667, 0.5098, 0.9961
CMYK	0.00, 0.47, 1.00, 0.07
HSL	31°, 99%, 47%
HSV	31°, 100%, 93%
XYZ	42.5990, 32.8466, 4.1235
YIQ	144.6510, 107.1520, -14.6080

# Conversions

## Conversions Part 2

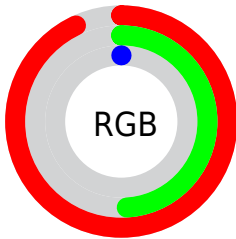
Format	Color
<a href="#">RYB</a>	217, 238, 1
Decimal	15629569
CIELab	64.04, 37.66, 70.83
CIElCh	64, 80.218, 62.004
Yxy	32.8466, 0.5354, 0.4128
Android (android.graphics.Color)	4293819649 (0xFFEE7D01)
YUV	144.6510, -70.8199, 81.8671
Hunter-Lab	57.3119, 32.3802, 35.8525

# Details

The Decimal color **15629569** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **94958**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16757575**, and **11487744** is the 20% darker color. If you saturate the color by 10%, you get **15629568**, and if you desaturate by 10%, it is **15632409**.

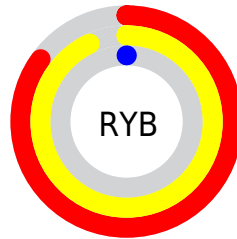
# Distribution



Red (93%)

Green (49%)

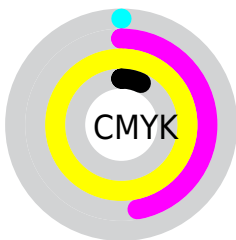
Blue (0%)



Red (85%)

Yellow (93%)

Blue (0%)

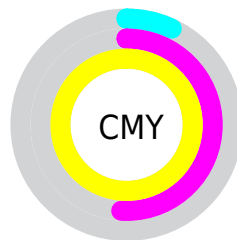


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (51%)





















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15629569 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 15629569 by changing the saturation by 10% instead.



 15629569	 15629569
 16777215	 13525760
 16757575	 11487744
 16764771	 9449728
 16771966	 7411456
 16777114	 5505024
 16777142	 3670016
 16777171	 1638401
 16777200	 0
 15629569	 15629569

■ 15629568

■ 15632409

■ 15635505

■ 15638344

■ 15641184

■ 15644280

■ 15647120

■ 15649960

■ 15653055

■ 15655895

# Harmonies

## Analogous

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



16734804



15629569



11966976

# Triad

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



15629569



48030



10323711

# Complementary

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



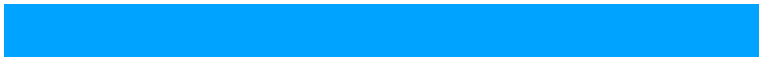
15629569



94958

# 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.



41983



15629569



47846

# Square

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



15629569



46675



46335



15950048

# Rectangle

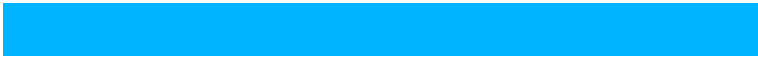
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15629569



8955648



46335



6984191



# Sweetspot

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



15629569



16767923



15597940



8415826



0



8421504



# Same Dimension

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



15629569



16745728



15396353



7893612



12083200



3677440



# Inverse Universe

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



94958



31487



328174



7107192



22712



6968



# Previews

## White Background



This preview shows how the Decimal color 15629569 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 15629569 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 15629569 Background



This preview shows how black text looks on a background with the Decimal color 15629569.



This preview shows how white text looks on a background with the Decimal color 15629569.

# 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**  
15629569

**Protanopia**  
11574292

**Deuteranopia**  
12948480



**Tritanopia**  
15889532

# Trichromacy



**Original Color**  
15629569

**Protanomaly**  
13078797

**Deuteranomaly**  
13929472

**Tritanomaly**  
15824719

# Monochromacy



**Original Color**  
15629569

**Achromatopsia**  
9539985

**Achromatomaly**  
11766365

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15629569 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 #EE7D01 looks like.

```
.text, #text, p{  
    color:#EE7D01  
}
```

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 #EE7D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE7D01  
}
```

## Border

The CSS property to change the border of an element to Decimal 15629569 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  
#EE7D01 }
```

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

```
.border{ border-color:#EE7D01 }
```

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

Here you see how a box with a 4 pixel #EE7D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE7D01; -webkit-box-shadow:4px 4px  
4px 4px #EE7D01; box-shadow:4px 4px 4px  
4px #EE7D01 }
```

# Background

The CSS property to change the background color of an element to Decimal 15629569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE7D01 }
```

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

```
.background{ background-color:#EE7D01 }
```

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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