

# Converting Colors

Decimal(15440204)

Have a look what the booklet for  
Decimal(15440204) contains.

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# **Color**

**Decimal(15440204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB994C
RGB	235, 153, 76
RGB Percent	92%, 60%, 30%
CMY	0.0784, 0.4000, 0.7020
CMYK	0.00, 0.35, 0.68, 0.08
HSL	29°, 80%, 61%
HSV	29°, 68%, 92%
XYZ	46.9567, 40.9664, 12.2699
YIQ	168.7400, 73.5890, -6.5630

# Conversions

## Conversions Part 2

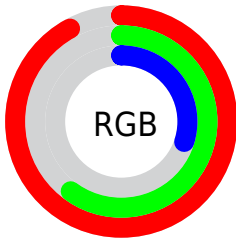
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 225, 76
Decimal	15440204
CIE <sub>Lab</sub>	70.15, 23.92, 51.94
CIE <sub>LCh</sub>	70, 57.179, 65.271
Yxy	40.9664, 0.4687, 0.4089
Android (android.graphics.Color)	4293630284 (0xFFEB994C)
YUV	168.7400, -45.7208, 58.1100
Hunter-Lab	64.0050, 18.9461, 33.4375

# Details

The Decimal color **15440204** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5021419**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16765056**, and **11494936** is the 20% darker color. If you saturate the color by 10%, you get **15437108**, and if you desaturate by 10%, it is **15443300**.

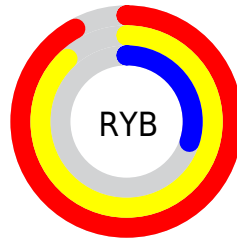
# Distribution



Red (92%)

Green (60%)

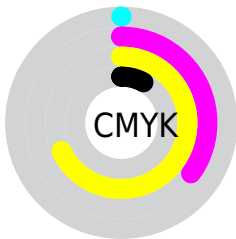
Blue (30%)



Red (92%)

Yellow (88%)

Blue (30%)

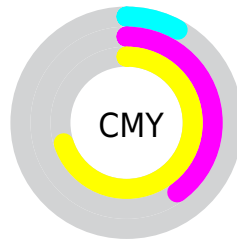


Cyan (0%)

Magenta (35%)

Yellow (68%)

Black (8%)



Cyan (8%)

Magenta (40%)


















Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15440204 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 15440204 by changing the saturation by 10% instead.



 15440204	 15440204
16777215	 13467443
 16765056	 11494936
 16772251	 9522432
 16777142	 7616000
 16777170	 5775104
 16777199	 3934464
	 2490369
	 0
 15440204	 15440204

15437108

15443300

15434013

15446395

15430917

15449491

15430144

15452586

15455937

15459033

15462128

15465215

15466495

# Harmonies

## Analogous

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



16746098



15440204



12627006

# Triad

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



15440204



50611



12294911

# Complementary

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



15440204



5021419

# 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.



5811967



15440204



50406

# Square

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



15440204



3850878



48383



15894232

# Rectangle

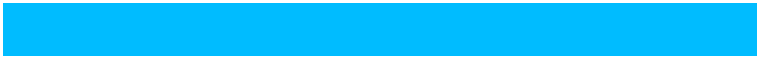
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15440204



10335816



48383



10527231



# Sweetspot

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



15440204



16770508



15420574



8417377



0



8421504



# Same Dimension

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



15440204



16749616



15460428



7696234



11884544



3545600



# Inverse Universe

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



5021419



3185663



5001195



6975605



23989



7222



# Previews

## White Background



This preview shows how the Decimal color 15440204 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 15440204 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 15440204 Background



This preview shows how black text looks on a background with the Decimal color 15440204.



This preview shows how white text looks on a background with the Decimal color 15440204.

# 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**  
15440204

**Protanopia**  
12495954

**Deuteranopia**  
14000969



**Tritanopia**  
15765659

# Trichromacy



**Original Color**  
15440204

**Protanomaly**  
13542736

**Deuteranomaly**  
14524234

**Tritanomaly**  
15635326

# Monochromacy



**Original Color**  
15440204

**Achromatopsia**  
11119017

**Achromatomaly**  
12690311

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15440204 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 #EB994C looks like.

```
.text, #text, p{  
    color:#EB994C  
}
```

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 #EB994C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB994C
}
```

## Border

The CSS property to change the border of an element to Decimal 15440204 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
#EB994C }
```

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

```
.border{ border-color:#EB994C }
```

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

Here you see how a box with a 4 pixel #EB994C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB994C; -webkit-box-shadow:4px 4px  
4px 4px #EB994C; box-shadow:4px 4px 4px  
4px #EB994C }
```

# Background

The CSS property to change the background color of an element to Decimal 15440204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB994C }
```

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

```
.background{ background-color:#EB994C }
```

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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