

# Converting Colors

Decimal(15641437)

Have a look what the booklet for  
Decimal(15641437) contains.

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# **Color**

**Decimal(15641437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEAB5D
RGB	238, 171, 93
RGB Percent	93%, 67%, 36%
CMY	0.0667, 0.3294, 0.6353
CMYK	0.00, 0.28, 0.61, 0.07
HSL	32°, 81%, 65%
HSV	32°, 61%, 93%
XYZ	51.7986, 48.0933, 16.9088
YIQ	182.1410, 64.9700, -10.0540

# Conversions

## Conversions Part 2

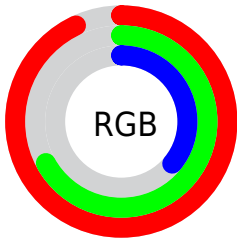
Format	Color
R <sub>Y</sub> B	218, 238, 93
Decimal	15641437
CIE Lab	74.88, 16.67, 49.19
CIE LCh	75, 51.942, 71.281
Yxy	48.0933, 0.4435, 0.4118
Android (android.graphics.Color)	4293831517 (0xFFEEAB5D)
YUV	182.1410, -43.9465, 48.9883
Hunter-Lab	69.3493, 11.9644, 34.0884

# Details

The Decimal color **15641437** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **6136046**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16769681**, and **11695914** is the 20% darker color. If you saturate the color by 10%, you get **15638597**, and if you desaturate by 10%, it is **15644277**.

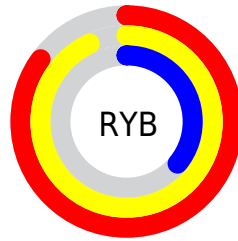
# Distribution



Red (93%)

Green (67%)

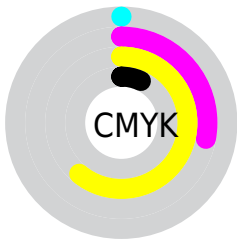
Blue (36%)



Red (85%)

Yellow (93%)

Blue (36%)

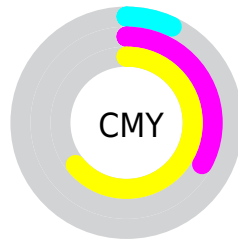


Cyan (0%)

Magenta (28%)

Yellow (61%)

Black (7%)



Cyan (7%)

Magenta (33%)















Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 15641437 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 15641437 by changing the saturation by 10% instead.



 15641437	 15641437
16777215	 13668420
 16769681	 11695914
 16777133	 9788943
 16777160	 7947776
 16777189	 6107136
	 4332032
	 2622464
	 0

 15641437       15641437

15638597

15644277

15635757

15647117

15632918

15649956

15630336

15652796

15655636

15658476

15661311

15663103

# Harmonies

## Analogous

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



16751227



15641437



12893015

# Triad

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



15641437



53705



13936127

# Complementary

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



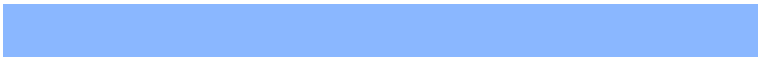
15641437



6136046

# 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.



9091071



15641437



52982

# Square

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



15641437



4771736



50943



16750040

# Rectangle

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



15641437



10667108



50943



12495871

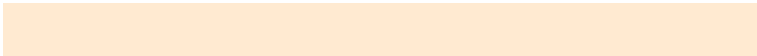


# Sweetspot

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



15641437



16771793



15621537



8418147



0



8421504



# Same Dimension

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



15641437



16755013



15330909



7893612



12083968



3677696

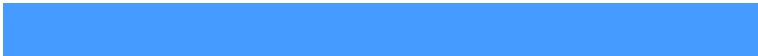


# Inverse Universe

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



6136046



4561919



6446574



7106936



21944



6712



# Previews

## White Background



This preview shows how the Decimal color 15641437 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 15641437 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

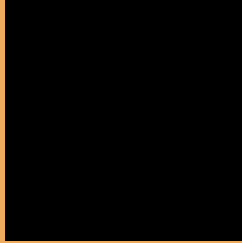
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15641437 Background



This preview shows how black text looks on a background with the Decimal color 15641437.



This preview shows how white text looks on a background with the Decimal color 15641437.

# 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**  
15641437

**Protanopia**  
13416802

**Deuteranopia**  
14921820



**Tritanopia**  
16032430

# Trichromacy



**Original Color**  
15641437

**Protanomaly**  
14201952

**Deuteranomaly**  
15183452

**Tritanomaly**  
15902097

# Monochromacy



**Original Color**  
15641437

**Achromatopsia**  
11974326

**Achromatomaly**  
13283990

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15641437 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 #EEAB5D looks like.

```
.text, #text, p{  
    color:#EEAB5D  
}
```

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 #EEAB5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEAB5D  
}
```

## Border

The CSS property to change the border of an element to Decimal 15641437 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  
#EEAB5D }
```

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

```
.border{ border-color:#EEAB5D }
```

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

Here you see how a box with a 4 pixel #EEAB5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEAB5D; -webkit-box-shadow:4px 4px  
4px 4px #EEAB5D; box-shadow:4px 4px 4px  
4px #EEAB5D }
```

# Background

The CSS property to change the background color of an element to Decimal 15641437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEAB5D }
```

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

```
.background{ background-color:#EEAB5D }
```

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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