

# Converting Colors

Decimal(14856256)

Have a look what the booklet for  
Decimal(14856256) contains.

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# **Color**

**Decimal(14856256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B040
RGB	226, 176, 64
RGB Percent	89%, 69%, 25%
CMY	0.1137, 0.3098, 0.7490
CMYK	0.00, 0.22, 0.72, 0.11
HSL	41°, 74%, 57%
HSV	41°, 72%, 89%
XYZ	47.8148, 47.5896, 11.5161
YIQ	178.1820, 65.7520, -24.2320

# Conversions

## Conversions Part 2

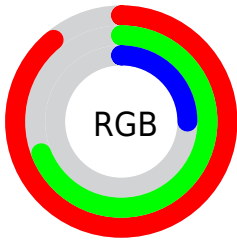
Format	Color
<a href="#">RYB</a>	<a href="#">136, 226, 64</a>
Decimal	<a href="#">14856256</a>
CIELab	<a href="#">74.57, 7.29, 61.56</a>
CIELCh	<a href="#">75, 61.995, 83.245</a>
Yxy	<a href="#">47.5896, 0.4472, 0.4451</a>
Android (android.graphics.Color)	<a href="#">4293046336 (0xFFE2B040)</a>
YUV	<a href="#">178.1820, -56.2917, 41.9364</a>
Hunter-Lab	<a href="#">68.9852, 2.9972, 38.3920</a>

# Details

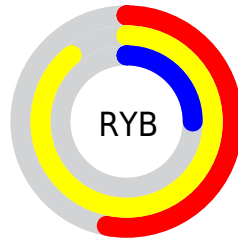
The Decimal color **14856256** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4223714**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16770934**, and **10910720** is the 20% darker color. If you saturate the color by 10%, you get **14854441**, and if you desaturate by 10%, it is **14858071**.

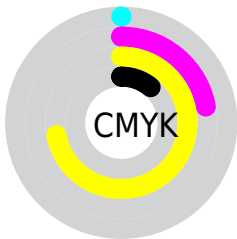
# Distribution



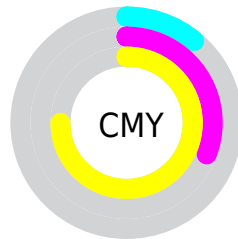
- Red (89%)
- Green (69%)
- Blue (25%)



- Red (53%)
- Yellow (89%)
- Blue (25%)



- Cyan (0%)
- Magenta (22%)
- Yellow (72%)
- Black (11%)



- Cyan (11%)
- Magenta (31%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14856256 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 14856256 by changing the saturation by 10% instead.



 14856256

 14856256

16777215

 12883235

 16770934

 10910720

 16777105

 9003776

 16777133

 7162624

 16777161

 5321984

 16777190

 3612672

 2034176

 0

 14856256

 14856256

■ 14854441

■ 14858071

■ 14852627

■ 14859885

■ 14851072

■ 14861700

■ 14863514

■ 14865329

■ 14867144

■ 14868958

■ 14870773

■ 14872575

# Harmonies

## Analogous

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



16751197



14856256



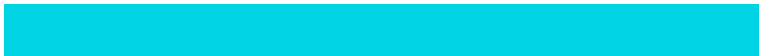
11256392

# Triad

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



14856256



54243



15832828

# Complementary

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



14856256



4223714

# 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.



10792703



14856256



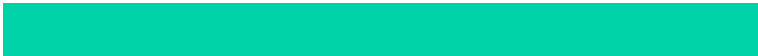
52991

# Square

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



14856256



54184



49919



16746183

# Rectangle

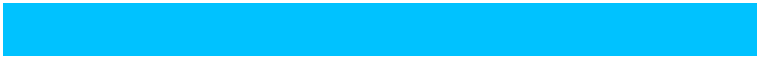
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14856256



8374880



49919



14458623



# Sweetspot

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



14856256



16772807



14827635



8418654



0



8421504



# Same Dimension

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



14856256



16759588



12902976



7368037



11565568



3154176



# Inverse Universe

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



4223714



2385919



6176994



6645872



14000



3888



# Previews

## White Background



This preview shows how the Decimal color 14856256 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 14856256 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 14856256 Background



This preview shows how black text looks on a background with the Decimal color 14856256.



This preview shows how white text looks on a background with the Decimal color 14856256.

# 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**  
14856256

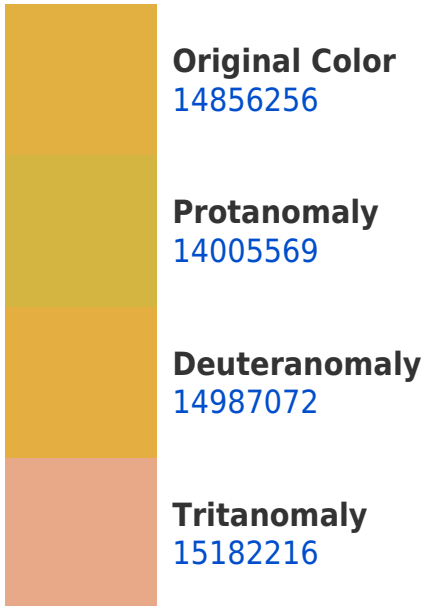
**Protanopia**  
13482050

**Deuteranopia**  
15052352



**Tritanopia**  
15377841

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14856256 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 #E2B040 looks like.

```
.text, #text, p{  
    color:#E2B040  
}
```

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 #E2B040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2B040
}
```

## Border

The CSS property to change the border of an element to Decimal 14856256 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
#E2B040 }
```

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

```
.border{ border-color:#E2B040 }
```

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

Here you see how a box with a 4 pixel #E2B040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2B040; -webkit-box-shadow:4px 4px  
4px 4px #E2B040; box-shadow:4px 4px 4px  
4px #E2B040 }
```

# Background

The CSS property to change the background color of an element to Decimal 14856256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2B040 }
```

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

```
.background{ background-color:#E2B040 }
```

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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