

# Converting Colors

Decimal(15126892)

Have a look what the booklet for  
Decimal(15126892) contains.

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# **Color**

**Decimal(15126892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6D16C
RGB	230, 209, 108
RGB Percent	90%, 82%, 42%
CMY	0.0980, 0.1804, 0.5765
CMYK	0.00, 0.09, 0.53, 0.10
HSL	50°, 71%, 66%
HSV	50°, 53%, 90%
XYZ	58.1404, 63.5066, 23.3810
YIQ	203.7650, 44.9370, -26.9590

# Conversions

## Conversions Part 2

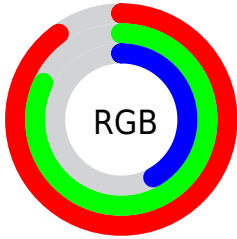
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 230, 108
Decimal	15126892
CIELab	83.71, -5.34, 52.15
CIELCh	84, 52.418, 95.843
Yxy	63.5066, 0.4009, 0.4379
Android (android.graphics.Color)	4293316972 (0xFFE6D16C)
YUV	203.7650, -47.2121, 23.0081
Hunter-Lab	79.6910, -9.2307, 38.3883

# Details

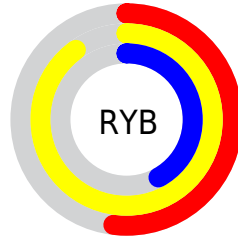
The Decimal color **15126892** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7111142**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777122**, and **11311928** is the 20% darker color. If you saturate the color by 10%, you get **15125845**, and if you desaturate by 10%, it is **15127939**.

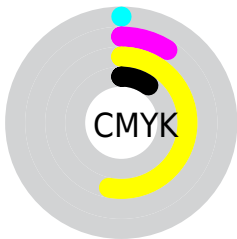
# Distribution



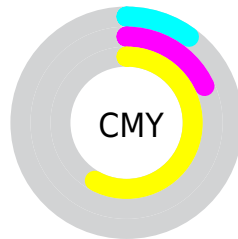
- Red (90%)
- Green (82%)
- Blue (42%)



- Red (52%)
- Yellow (90%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (10%)



















- Cyan (10%)
- Magenta (18%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15126892 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 15126892 by changing the saturation by 10% instead.



 15126892	 15126892
 16777215	 13219410
 16777122	 11311928
 16777150	 9470236
 16777178	 7628800
 16777207	 5918720
	 4209152
	 2499584
	 462848
	 0

15126892

15126892

15125845

15127939

15124798

15128986

15123751

15130033

15122704

15131080

15121920

15132127

15133174

15134207

15135231

15136255

# Harmonies

## Analogous

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



16760951



15126892



11722622

# Triad

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



15126892



59647



16756730

# Complementary

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



15126892



7111142

# 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.



14860543



15126892



57855

# Square

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



15126892



60121



9687807



16754889

# Rectangle

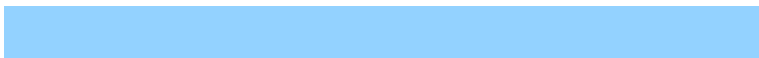
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15126892



9037207



9687807



16758015



# Sweetspot

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



15126892



16775382



15101058



8420199



0



8421504



# Same Dimension

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



15126892



16769884



12576364



7565671



11768832



3353088



# Inverse Universe

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



7111142



6060287



9661670



6777203



8115



2355



# Previews

## White Background



This preview shows how the Decimal color 15126892 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 15126892 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 15126892 Background



This preview shows how black text looks on a background with the Decimal color 15126892.



This preview shows how white text looks on a background with the Decimal color 15126892.

# 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**  
15126892

**Protanopia**  
15126892

**Deuteranopia**  
16762737



**Tritanopia**  
15779285

# Trichromacy



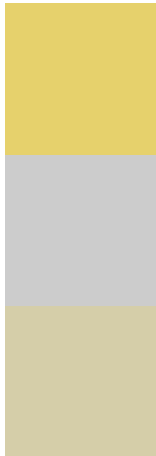
**Original Color**  
15126892

**Protanomaly**  
15126892

**Deuteranomaly**  
16173935

**Tritanomaly**  
15518127

# Monochromacy



**Original Color**  
15126892

**Achromatopsia**  
13421772

**Achromatomaly**  
14012073

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15126892 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 #E6D16C looks like.

```
.text, #text, p{  
    color:#E6D16C  
}
```

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 #E6D16C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6D16C
}
```

## Border

The CSS property to change the border of an element to Decimal 15126892 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
#E6D16C }
```

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

```
.border{ border-color:#E6D16C }
```

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

Here you see how a box with a 4 pixel #E6D16C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6D16C; -webkit-box-shadow:4px 4px  
4px 4px #E6D16C; box-shadow:4px 4px 4px  
4px #E6D16C }
```

# Background

The CSS property to change the background color of an element to Decimal 15126892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6D16C }
```

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

```
.background{ background-color:#E6D16C }
```

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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