

# Converting Colors

Decimal(14929520)

Have a look what the booklet for  
Decimal(14929520) contains.

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# **Color**

**Decimal(14929520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3CE70
RGB	227, 206, 112
RGB Percent	89%, 81%, 44%
CMY	0.1098, 0.1922, 0.5608
CMYK	0.00, 0.09, 0.51, 0.11
HSL	49°, 67%, 66%
HSV	49°, 51%, 89%
XYZ	56.6745, 61.6434, 24.2405
YIQ	201.5630, 42.6900, -24.7820

# Conversions

## Conversions Part 2

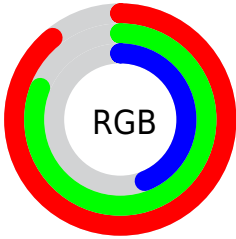
Format	Color
<a href="#">RYB</a>	<a href="#">138, 227, 112</a>
Decimal	<a href="#">14929520</a>
CIELab	<a href="#">82.72, -4.69, 49.00</a>
CIELCh	<a href="#">83, 49.221, 95.467</a>
Yxy	<a href="#">61.6434, 0.3976, 0.4324</a>
Android (android.graphics.Color)	<a href="#">4293119600 (0xFFE3CE70)</a>
YUV	<a href="#">201.5630, -44.1546, 22.3082</a>
Hunter-Lab	<a href="#">78.5133, -8.5488, 36.6539</a>

# Details

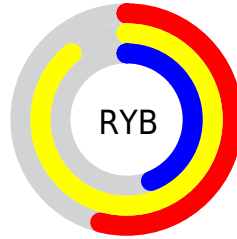
The Decimal color **14929520** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7374307**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16777126**, and **11114557** is the 20% darker color. If you saturate the color by 10%, you get **14928473**, and if you desaturate by 10%, it is **14930567**.

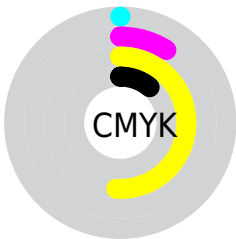
# Distribution



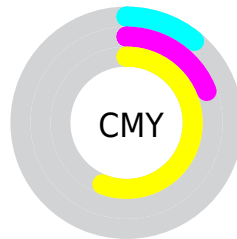
- Red (89%)
- Green (81%)
- Blue (44%)



- Red (54%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (11%)



















- Cyan (11%)
- Magenta (19%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14929520 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 14929520 by changing the saturation by 10% instead.



 14929520	 14929520
 16777215	 13022038
 16777126	 11114557
 16777153	 9272866
 16777182	 7496962
 16777211	 5787136
	 4077312
	 2433536
	 199936
	 0

14929520

14929520

14928473

14930567

14927427

14931613

14926380

14932660

14925077

14933963

14924288

14935010

14936056

14937087

14938111

14939135

# Harmonies

## Analogous

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



16760442



14929520



11721601

# Triad

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



14929520



58623



16756725

# Complementary

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



14929520



7374307

# 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.



14598143



14929520



2285055

# Square

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



14929520



1042133



9818367



16755143

# Rectangle

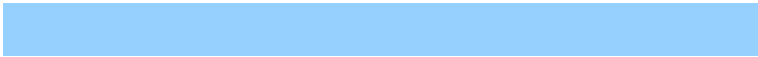
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14929520



9232792



9818367



16758015



# Sweetspot

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



14929520



16775385



14905477



8420201



0



8421504



# Same Dimension

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



14929520



16769891



12575600



7565671



11768320



3353088



# Inverse Universe

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



7374307



6521087



9728227



6777203



8627



2355



# Previews

## White Background



This preview shows how the Decimal color 14929520 looks on a white background.

## Color Contrast Check

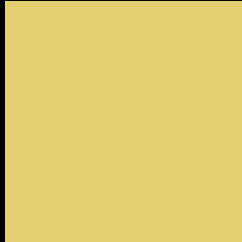
Large Text (above 18pt) WCAG AA × Fail

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 14929520 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 14929520 Background



This preview shows how black text looks on a background with the Decimal color 14929520.



This preview shows how white text looks on a background with the Decimal color 14929520.

# 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**  
14929520

**Protanopia**  
14929520

**Deuteranopia**  
16565362



**Tritanopia**  
15582162

# Trichromacy



**Original Color**  
14929520

**Protanomaly**  
14929520

**Deuteranomaly**  
15976561

**Tritanomaly**  
15321006

# Monochromacy



**Original Color**  
14929520

**Achromatopsia**  
13290186

**Achromatomaly**  
13880233

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14929520 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 #E3CE70 looks like.

```
.text, #text, p{  
  color:#E3CE70  
}
```

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 #E3CE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3CE70
}
```

## Border

The CSS property to change the border of an element to Decimal 14929520 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
#E3CE70 }
```

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

```
.border{ border-color:#E3CE70 }
```

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

Here you see how a box with a 4 pixel #E3CE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3CE70; -webkit-box-shadow:4px 4px  
4px 4px #E3CE70; box-shadow:4px 4px 4px  
4px #E3CE70 }
```

# Background

The CSS property to change the background color of an element to Decimal 14929520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3CE70 }
```

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

```
.background{ background-color:#E3CE70 }
```

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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