

# Converting Colors

Hex(CEE452)

Have a look what the booklet for  
Hex(CEE452) contains.

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**Color**

**Hex(CEE452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEE452
RGB	206, 228, 82
RGB Percent	81%, 89%, 32%
CMY	0.1922, 0.1059, 0.6784
CMYK	0.10, 0.00, 0.64, 0.11
HSL	69°, 73%, 61%
HSV	69°, 64%, 89%
XYZ	54.7200, 69.2178, 18.4590
YIQ	204.7780, 33.7540, -50.0700

# Conversions

## Conversions Part 2

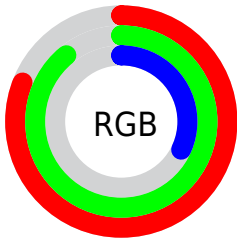
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 228, 104
Decimal	13558866
CIE <sub>Lab</sub>	86.61, -26.34, 66.23
CIE <sub>LCh</sub>	87, 71.273, 111.692
Yxy	69.2178, 0.3843, 0.4861
Android (android.graphics.Color)	4291748946 (0xFFCEE452)
YUV	204.7780, -60.5296, 1.0717
Hunter-Lab	83.1972, -28.1932, 45.0834

# Details

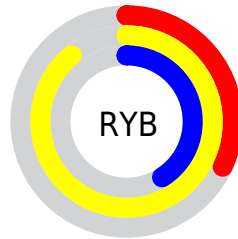
The Hex color **CEE452** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6852E4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFF8A**, and **94AD10** is the 20% darker color. If you saturate the color by 10%, you get **CBE43B**, and if you desaturate by 10%, it is **D1E469**.

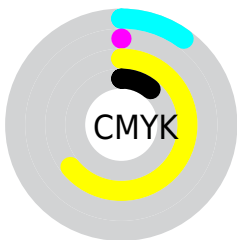
# Distribution



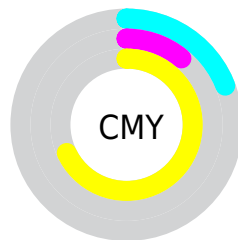
- Red (81%)
- Green (89%)
- Blue (32%)



- Red (32%)
- Yellow (89%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (64%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEE452 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 Hex color CEE452 by changing the saturation by 10% instead.



 CEE452

 CEE452

FFFFFF

 B1C835

 FFFF8A

 94AD10

 FFFFA6

 789200

 FFFFC2

 5D7800

 FFFFDF

 425F00

FFFFFFD

 264800

 083100

 001E00

 000000

 CEE452

 CEE452

 CBE43B

 D1E469

 C7E424

 D5E480

 C4E40E

 D8E496

 C2E400

 DCE4AD

 DFE4C4

 E3E4DB

 E6E4F2

 E9E4FF

 EDE4FF

# Harmonies

## Analogous

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



FFCF4B



CEE452



7BF281

# Triad

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



CEE452



00F4FF



FF9EEF

# Complementary

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



CEE452



6852E4

# 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.



FFB3FF



CEE452



00E6FF

# Square

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



CEE452



00FAFF



BBCFFF



FF9FAB

# Rectangle

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



CEE452



00F7AC



BBCFFF



FFA3FF



# Sweetspot

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



CEE452



F8FFCF



E46852



7B8062



000000



808080



# Same Dimension

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



CEE452



E1FF3B



85E452



717367



98B300



2B3300



# Inverse Universe

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



6852E4



583BFF



B152E4



696773



1B00B3



080033



# Previews

## White Background



This preview shows how the Hex color CEE452 looks on a white background.

## Color Contrast Check

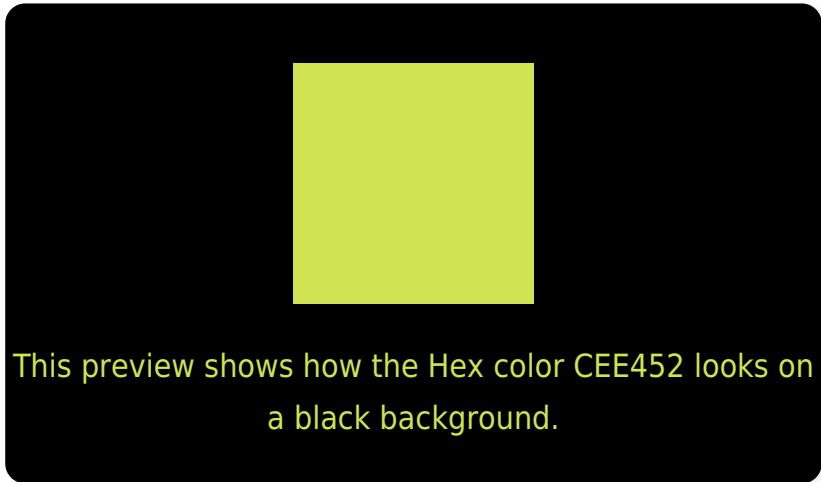
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex CEE452 Background



This preview shows how black text looks on a background with the Hex color CEE452.

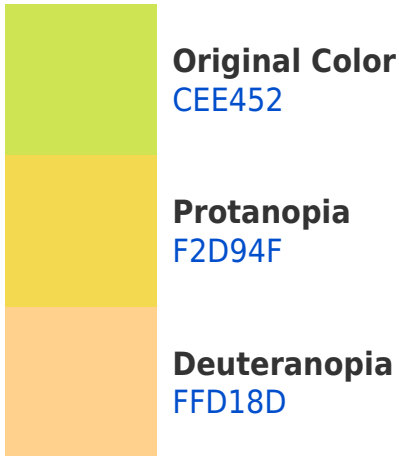


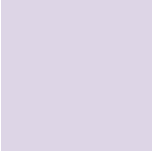
This preview shows how white text looks on a background with the Hex color CEE452.

# 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](#).

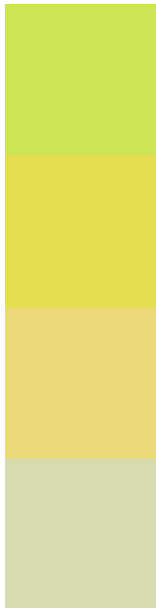
## Dichromacy





**Tritanopia**  
DDD5E6

# Trichromacy



**Original Color**  
CEE452

**Protanomaly**  
E5DD50

**Deuteranomaly**  
EED878

**Tritanomaly**  
D8DAB0

# Monochromacy



**Original Color**  
CEE452

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CDD5A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEE452 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 #CEE452 looks like.

```
.text, #text, p{  
    color:#CEE452  
}
```

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 #CEE452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE452
}
```

## Border

The CSS property to change the border of an element to Hex CEE452 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
#CEE452 }
```

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

```
.border{ border-color:#CEE452 }
```

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

Here you see how a box with a 4 pixel #CEE452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE452; -webkit-box-shadow:4px 4px  
4px 4px #CEE452; box-shadow:4px 4px 4px  
4px #CEE452 }
```

# Background

The CSS property to change the background color of an element to Hex CEE452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE452 }
```

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

```
.background{ background-color:#CEE452 }
```

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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