

Converting Colors

Decimal(15126071)

Have a look what the booklet for
Decimal(15126071) contains.

Decimal(15126071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15126071)

Conversions

Conversions Part 1

Format	Color
Hex	E6CE37
RGB	230, 206, 55
RGB Percent	90%, 81%, 22%
CMY	0.0980, 0.1922, 0.7843
CMYK	0.00, 0.10, 0.76, 0.10
HSL	52°, 78%, 56%
HSV	52°, 76%, 90%
XYZ	55.3940, 61.2414, 12.5156
YIQ	195.9620, 62.7750, -41.8730

Conversions

Conversions Part 2

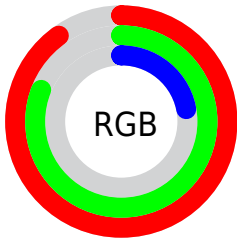
Format	Color
R_{YB}	83, 230, 55
Decimal	15126071
CIE Lab	82.51, -6.96, 72.60
CIE LCh	83, 72.931, 95.473
Yxy	61.2414, 0.4289, 0.4742
Android (android.graphics.Color)	4293316151 (0xFFE6CE37)
YUV	195.9620, -69.4943, 29.8513
Hunter-Lab	78.2569, -10.5987, 45.2976

Details

The Decimal color **15126071** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **3624934**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16777073**, and **11180032** is the 20% darker color. If you saturate the color by 10%, you get **15125280**, and if you desaturate by 10%, it is **15126862**.

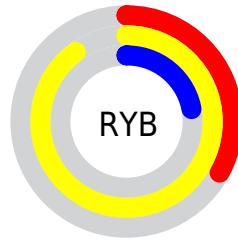
Distribution



Red (90%)

Green (81%)

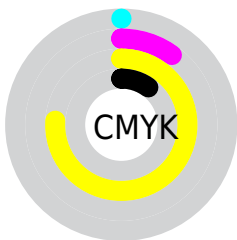
Blue (22%)



Red (33%)

Yellow (90%)

Blue (22%)

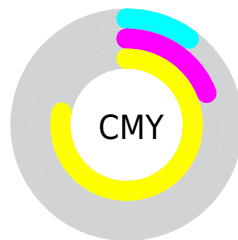


Cyan (0%)

Magenta (10%)

Yellow (76%)

Black (10%)



Cyan (10%)


















Magenta (19%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15126071 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 15126071 by changing the saturation by 10% instead.

 15126071	 15126071
 16777215	 13153040
 16777073	 11180032
 16777101	 9272832
 16777130	 7431680
 16777158	 5590528
 16777188	 3815424
	 2171392
	 3584
	 0

■ 15126071

■ 15126071

■ 15125280

■ 15126862

■ 15124489

■ 15127653

■ 15123968

■ 15128444

■ 15129491

■ 15130282

■ 15131073

■ 15131864

■ 15132655

■ 15133439

Harmonies

Analogous

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



16758093



15126071



10412118

Triad

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



15126071



60927



16751359

Complementary

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



15126071



3624934

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.



14792447



15126071



58367

Square

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



15126071



61144



5034495



16747971

Rectangle

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



15126071



6088828



5034495



16753407

Sweetspot

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



15126071



16775108



15087441



8420188



0



8421504

Same Dimension

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



15126071



16768791



11134519



7565671



11770368



3353600

Inverse Universe

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



3624934



1521663



7616486



6777203



6323



1843

Previews

White Background



This preview shows how the Decimal color 15126071 looks on a white background.

Color Contrast Check

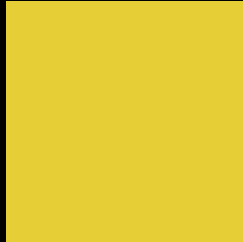
Large Text (above 18pt) WCAG AA × Fail

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 15126071 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 15126071 Background



This preview shows how black text looks on a background with the Decimal color 15126071.




This preview shows how white text looks on a background with the Decimal color 15126071.

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
15843535

Trichromacy



Original Color
15126071

Protanomaly
15191607

Deuteranomaly
16173126

Tritanomaly
15582616

Monochromacy



Original Color
15126071

Achromatopsia
12895428

Achromatomaly
13682833

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15126071 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 #E6CE37 looks like.

```
.text, #text, p{  
    color:#E6CE37  
}
```

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 #E6CE37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CE37
}
```

Border

The CSS property to change the border of an element to Decimal 15126071 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
#E6CE37 }
```

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

```
.border{ border-color:#E6CE37 }
```

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

Here you see how a box with a 4 pixel #E6CE37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CE37; -webkit-box-shadow:4px 4px  
4px 4px #E6CE37; box-shadow:4px 4px 4px  
4px #E6CE37 }
```

Background

The CSS property to change the background color of an element to Decimal 15126071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CE37 }
```

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

```
.background{ background-color:#E6CE37 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor