

Converting Colors

Decimal(13226076)

Have a look what the booklet for
Decimal(13226076) contains.

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Color

Decimal(13226076)

Conversions

Conversions Part 1

Format	Color
Hex	C9D05C
RGB	201, 208, 92
RGB Percent	79%, 82%, 36%
CMY	0.2118, 0.1843, 0.6392
CMYK	0.03, 0.00, 0.56, 0.18
HSL	64°, 55%, 59%
HSV	64°, 56%, 82%
XYZ	48.5750, 58.3020, 18.8184
YIQ	192.6830, 33.0640, -37.5600

Conversions

Conversions Part 2

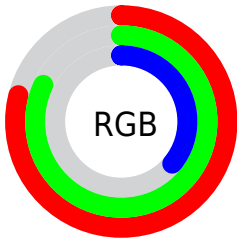
Format	Color
R_{YB}	92, 208, 99
Decimal	13226076
CIE _{Lab}	80.91, -17.94, 55.68
CIE _{LCh}	81, 58.495, 107.864
Yxy	58.3020, 0.3865, 0.4638
Android (android.graphics.Color)	4291416156 (0xFFC9D05C)
YUV	192.6830, -49.6367, 7.2940
Hunter-Lab	76.3557, -20.0666, 38.8365

Details

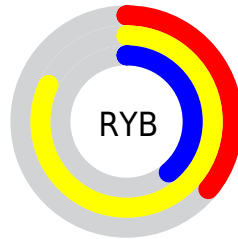
The Decimal color **13226076** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **6511824**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **16777106**, and **9476646** is the 20% darker color. If you saturate the color by 10%, you get **13160519**, and if you desaturate by 10%, it is **13291633**.

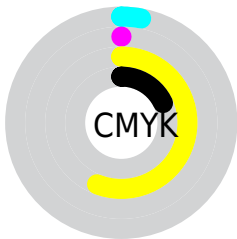
Distribution



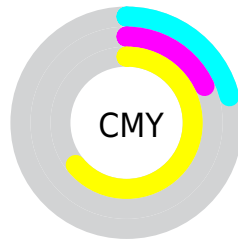
- Red (79%)
- Green (82%)
- Blue (36%)



- Red (36%)
- Yellow (82%)
- Blue (39%)



- Cyan (3%)
- Magenta (0%)
- Yellow (56%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13226076 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 13226076 by changing the saturation by 10% instead.

 13226076

 13226076

16777215

 11318593

 16777106

 9476646

 16777133

 7700480

 16777162

 5924608

 16777190

 4280064

 2504704

 795392

 1536

 0

13226076

13226076

13160519

13291633

13029426

13422726

12963870

13488282

12898313

13553839

12832768

13619396

13750489

13816046

13881599

13947135

Harmonies

Analogous

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



16563803



13226076



9100413

Triad

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



13226076



57599



16752098

Complementary

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



13226076



6511824

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.



16166655



13226076



54783

Square

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



13226076



58857



11060223



16751786

Rectangle

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



13226076



5300894



11060223



16753139

Sweetspot

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



13226076



16580564



13656668



8290406



0



8421504

Same Dimension

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



13226076



16121684



9490524



6842718



10397696



2500864

Inverse Universe

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



6511824



6182143



10247376



6250089



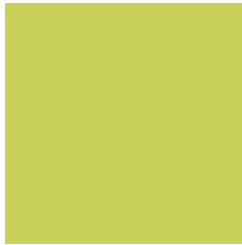
655528



131113

Previews

White Background



This preview shows how the Decimal color 13226076 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 13226076 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 13226076 Background



This preview shows how black text looks on a background with the Decimal color 13226076.



This preview shows how white text looks on a background with the Decimal color 13226076.

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
14009299

Trichromacy



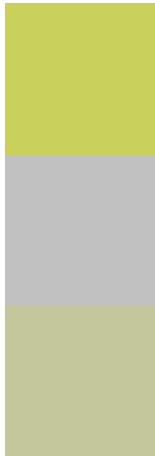
Original Color
13226076

Protanomaly
14142555

Deuteranomaly
15123807

Tritanomaly
13748392

Monochromacy



Original Color
13226076

Achromatopsia
12698049

Achromatomaly
12895900

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13226076 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 #C9D05C looks like.

```
.text, #text, p{  
    color:#C9D05C  
}
```

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 #C9D05C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D05C
}
```

Border

The CSS property to change the border of an element to Decimal 13226076 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
#C9D05C }
```

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

```
.border{ border-color:#C9D05C }
```

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

Here you see how a box with a 4 pixel #C9D05C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D05C; -webkit-box-shadow:4px 4px  
4px 4px #C9D05C; box-shadow:4px 4px 4px  
4px #C9D05C }
```

Background

The CSS property to change the background color of an element to Decimal 13226076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D05C }
```

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

```
.background{ background-color:#C9D05C }
```

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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