

Converting Colors

Decimal(10213214)

Have a look what the booklet for
Decimal(10213214) contains.

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Color

Decimal(10213214)

Conversions

Conversions Part 1

Format	Color
Hex	9BD75E
RGB	155, 215, 94
RGB Percent	61%, 84%, 37%
CMY	0.3922, 0.1569, 0.6314
CMYK	0.28, 0.00, 0.56, 0.16
HSL	90°, 60%, 61%
HSV	90°, 56%, 84%
XYZ	39.8384, 56.3776, 19.3719
YIQ	183.2660, 3.0810, -50.3510

Conversions

Conversions Part 2

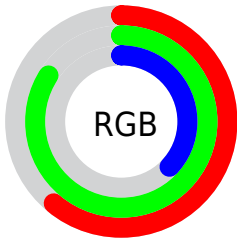
Format	Color
RYB	94, 215, 154
Decimal	10213214
CIELab	79.83, -38.86, 52.73
CIElCh	80, 65.508, 126.389
Yxy	56.3776, 0.3447, 0.4877
Android (android.graphics.Color)	4288403294 (0xFF9BD75E)
YUV	183.2660, -44.0081, -24.7893
Hunter-Lab	75.0850, -36.6908, 37.2627

Details

The Decimal color **10213214** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **10116823**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **13959060**, and **6594600** is the 20% darker color. If you saturate the color by 10%, you get **9492297**, and if you desaturate by 10%, it is **10934132**.

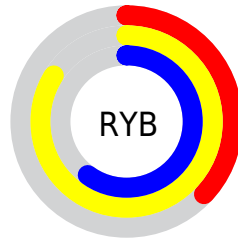
Distribution



Red (61%)

Green (84%)

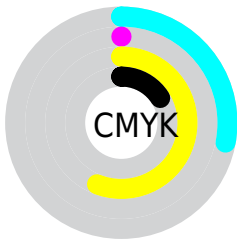
Blue (37%)



Red (37%)

Yellow (84%)

Blue (60%)

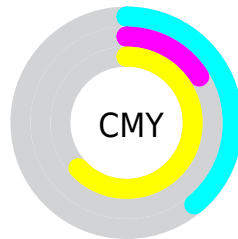


Cyan (28%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10213214 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 10213214 by changing the saturation by 10% instead.



10213214



10213214

16777215



8371012



13959060



6594600



15859631



4752644



16777164



2911232



16777192



807680



15104



9984



0



10213214



10213214

■ 9492297

■ 10934132

■ 8836915

■ 11589513

■ 8115998

■ 12310431

■ 7395080

■ 13031348

■ 7132928

■ 13686730

■ 14407647

■ 15128565

■ 15783935

■ 16504831

Harmonies

Analogous

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



14403396



10213214



3530899

Triad

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



10213214



55807



16748475

Complementary

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



10213214



10116823

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.



16751096



10213214



6801663

Square

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



10213214



58111



14397695



16751233

Rectangle

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



10213214



58300



14397695



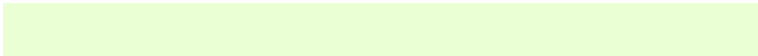
16748752

Sweetspot

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



10213214



15400916



14129246



7569510



0



8421504

Same Dimension

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



10213214



11140946



6346590



6712160



5679872



1452800

Inverse Universe

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



10116823



11031295



13983447



6709355



5570731



1376299

Previews

White Background



This preview shows how the Decimal color 10213214 looks on a white background.

Color Contrast Check

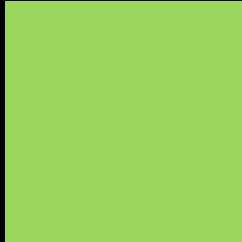
Large Text (above 18pt) WCAG AA × Fail

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 10213214 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 10213214 Background



This preview shows how black text looks on a background with the Decimal color 10213214.

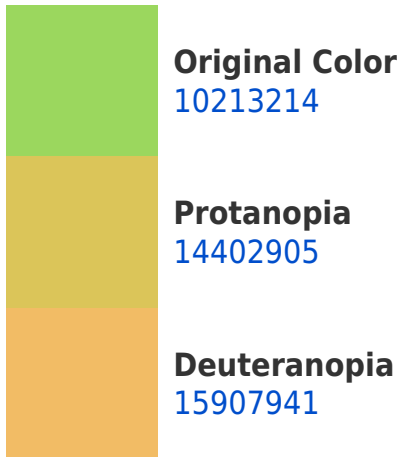


This preview shows how white text looks on a background with the Decimal color 10213214.

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
11324122

Trichromacy



Original Color
10213214

Protanomaly
12897371

Deuteranomaly
13813346

Tritanomaly
10932141

Monochromacy



Original Color
10213214

Achromatopsia
12040119

Achromatomaly
11387799

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10213214 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 #9BD75E looks like.

```
.text, #text, p{  
    color:#9BD75E  
}
```

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 #9BD75E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD75E
}
```

Border

The CSS property to change the border of an element to Decimal 10213214 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
#9BD75E }
```

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

```
.border{ border-color:#9BD75E }
```

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

Here you see how a box with a 4 pixel #9BD75E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD75E; -webkit-box-shadow:4px 4px  
4px 4px #9BD75E; box-shadow:4px 4px 4px  
4px #9BD75E }
```

Background

The CSS property to change the background color of an element to Decimal 10213214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD75E }
```

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

```
.background{ background-color:#9BD75E }
```

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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