

Converting Colors

Decimal(10412681)

Have a look what the booklet for
Decimal(10412681) contains.

Decimal(10412681)	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(10412681)

Conversions

Conversions Part 1

Format	Color
Hex	9EE289
RGB	158, 226, 137
RGB Percent	62%, 89%, 54%
CMY	0.3804, 0.1137, 0.4627
CMYK	0.30, 0.00, 0.39, 0.11
HSL	106°, 61%, 71%
HSV	106°, 39%, 89%
XYZ	45.8123, 63.4680, 33.5029
YIQ	195.5220, -11.9590, -42.0950

Conversions

Conversions Part 2

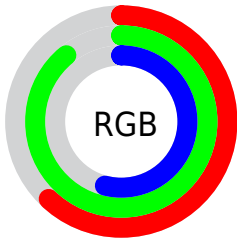
Format	Color
RYB	137, 226, 205
Decimal	10412681
CIELab	83.69, -37.66, 36.85
CIElCh	84, 52.693, 135.620
Yxy	63.4680, 0.3209, 0.4445
Android (android.graphics.Color)	4288602761 (0xFF9EE289)
YUV	195.5220, -28.8513, -32.9068
Hunter-Lab	79.6668, -36.7707, 30.8331

Details

The Decimal color **10412681** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **13470178**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **14155711**, and **6859350** is the 20% darker color. If you saturate the color by 10%, you get **9298546**, and if you desaturate by 10%, it is **11526816**.

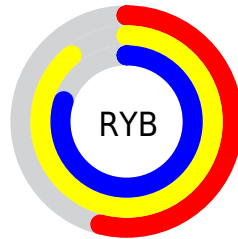
Distribution



Red (62%)

Green (89%)

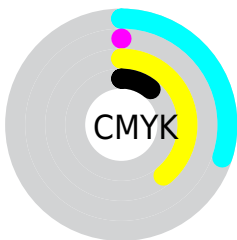
Blue (54%)



Red (54%)

Yellow (89%)

Blue (80%)

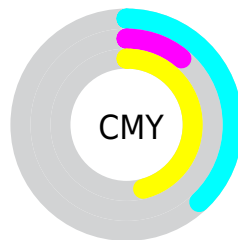


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (11%)



Cyan (38%)

Magenta (11%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10412681 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 10412681 by changing the saturation by 10% instead.



 10412681

 10412681

 9298546

 11526816

 8118876

 12706486

 7004741

 13820621

 5890607

 14934755

 4776472

 16048890

 3596801

 16769791

 3531264

Harmonies

Analogous

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



14079598



10412681



5630390

Triad

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



10412681



4382207



16755128

Complementary

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



10412681



13470178

Split Complementary

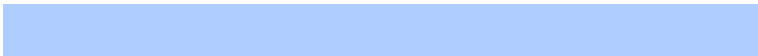
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16755691



10412681



11521535

Square

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



10412681



59391



16169727



16757900

Rectangle

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



10412681



60121



16169727



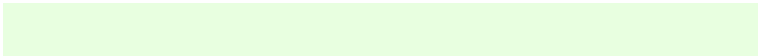
16754889

Sweetspot

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



10412681



15269856



14863497



7503982



0



8421504

Same Dimension

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



10412681



10747783



9036447



6844517



2797568



733184

Inverse Universe

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



13470178



14911487



14846412



7234928



8782000



2424880

Previews

White Background



This preview shows how the Decimal color 10412681 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 10412681 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 10412681 Background



This preview shows how black text looks on a background with the Decimal color 10412681.

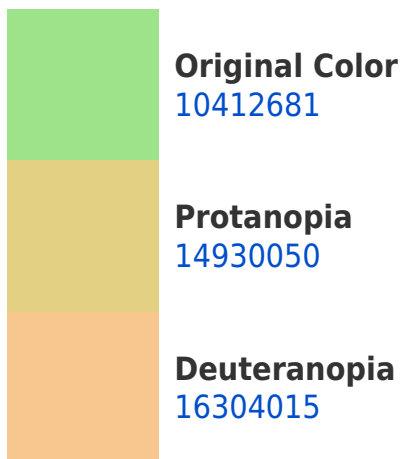


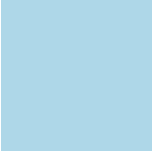
This preview shows how white text looks on a background with the Decimal color 10412681.

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





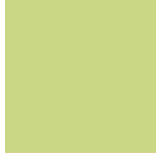
Tritanopia
11458536

Trichromacy



Original Color

10412681



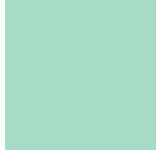
Protanomaly

13293445



Deuteranomaly

14143885



Tritanomaly

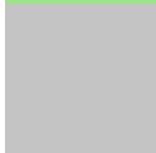
11066309

Monochromacy



Original Color

10412681



Achromatopsia

12895428



Achromatomaly

11980719

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10412681 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 #9EE289 looks like.

```
.text, #text, p{  
    color:#9EE289  
}
```

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 #9EE289 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE289
}
```

Border

The CSS property to change the border of an element to Decimal 10412681 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
#9EE289 }
```

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

```
.border{ border-color:#9EE289 }
```

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

Here you see how a box with a 4 pixel #9EE289 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE289; -webkit-box-shadow:4px 4px  
4px 4px #9EE289; box-shadow:4px 4px 4px  
4px #9EE289 }
```

Background

The CSS property to change the background color of an element to Decimal 10412681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE289 }
```

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

```
.background{ background-color:#9EE289 }
```

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