

Converting Colors

Decimal(9754960)

Have a look what the booklet for
Decimal(9754960) contains.

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Color

Decimal(9754960)

Conversions

Conversions Part 1

Format	Color
Hex	94D950
RGB	148, 217, 80
RGB Percent	58%, 85%, 31%
CMY	0.4196, 0.1490, 0.6863
CMYK	0.32, 0.00, 0.63, 0.15
HSL	90°, 64%, 58%
HSV	90°, 63%, 85%
XYZ	38.4736, 56.5008, 16.4674
YIQ	180.7510, 2.8530, -57.2350

Conversions

Conversions Part 2

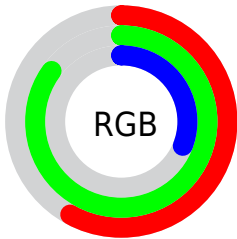
Format	Color
RYB	80, 217, 149
Decimal	9754960
CIELab	79.90, -43.49, 58.78
CIELCh	80, 73.121, 126.493
Yxy	56.5008, 0.3452, 0.5070
Android (android.graphics.Color)	4287945040 (0xFF94D950)
YUV	180.7510, -49.6702, -28.7226
Hunter-Lab	75.1670, -40.1786, 39.6278

Details

The Decimal color **9754960** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9785561**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **13565831**, and **6070803** is the 20% darker color. If you saturate the color by 10%, you get **9034042**, and if you desaturate by 10%, it is **10475878**.

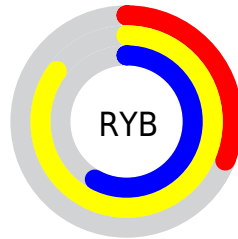
Distribution



Red (58%)

Green (85%)

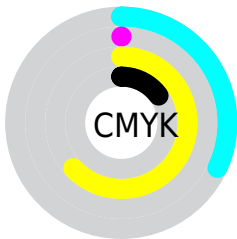
Blue (31%)



Red (31%)

Yellow (85%)

Blue (58%)

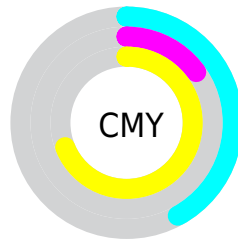


Cyan (32%)

Magenta (0%)

Yellow (63%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9754960 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 9754960 by changing the saturation by 10% instead.

 9754960

 9754960

16777215

 7912756

 13565831

 6070803

 15466402

 4163328

 16777150

 2125056

 16777179

 21504

 16777208

 15360

 10240

 0

 9754960

 9754960

■ 9034042

■ 10475878

■ 8313125

■ 11196795

■ 7592207

■ 11917713

■ 7133440

■ 12638631

■ 13359548

■ 14080466

■ 14801384

■ 15456766

■ 16177663

Harmonies

Analogous

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



14469166



9754960



58253

Triad

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



9754960



56575



16745914

Complementary

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



9754960



9785561

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.



16749054



9754960



4704767

Square

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



9754960



58879



14462719



16749689

Rectangle

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



9754960



59068



14462719



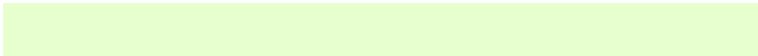
16746193

Sweetspot

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



9754960



15204303



14259280



7438434



0



8421504

Same Dimension

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



9754960



10354493



5298512



6844003



5680384



1519104

Inverse Universe

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



9785561



10436095



14242009



6841198



5701805



1507374

Previews

White Background



This preview shows how the Decimal color 9754960 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 9754960 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 9754960 Background



This preview shows how black text looks on a background with the Decimal color 9754960.



This preview shows how white text looks on a background with the Decimal color 9754960.

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





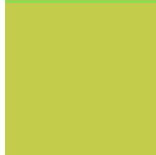
Tritanopia
11062235

Trichromacy



Original Color

9754960



Protanomaly

12766540



Deuteranomaly

13748054



Tritanomaly

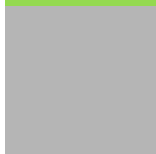
10604712

Monochromacy



Original Color

9754960



Achromatopsia

11908533



Achromatomaly

11125392

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9754960 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 #94D950 looks like.

```
.text, #text, p{  
    color:#94D950  
}
```

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 #94D950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D950
}
```

Border

The CSS property to change the border of an element to Decimal 9754960 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
#94D950 }
```

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

```
.border{ border-color:#94D950 }
```

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

Here you see how a box with a 4 pixel #94D950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D950; -webkit-box-shadow:4px 4px  
4px 4px #94D950; box-shadow:4px 4px 4px  
4px #94D950 }
```

Background

The CSS property to change the background color of an element to Decimal 9754960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D950 }
```

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

```
.background{ background-color:#94D950 }
```

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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