

Converting Colors

Decimal(9736940)

Have a look what the booklet for
Decimal(9736940) contains.

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Color

Decimal(9736940)

Conversions

Conversions Part 1

Format	Color
Hex	9492EC
RGB	148, 146, 236
RGB Percent	58%, 57%, 93%
CMY	0.4196, 0.4275, 0.0745
CMYK	0.37, 0.38, 0.00, 0.07
HSL	241°, 70%, 75%
HSV	241°, 38%, 93%
XYZ	37.6319, 32.9098, 83.7257
YIQ	156.8580, -27.6980, 28.4140

Conversions

Conversions Part 2

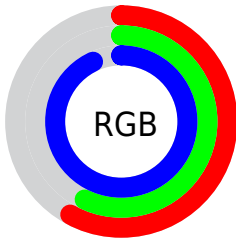
Format	Color
R _{YB}	148, 146, 236
Decimal	9736940
CIE _{Lab}	64.09, 21.94, -45.15
CIE _{LCh}	64, 50.198, 295.921
Y _{xy}	32.9098, 0.2439, 0.2133
Android (android.graphics.Color)	4287927020 (0xFF9492EC)
Y _{UV}	156.8580, 39.0170, -7.7685
Hunter-Lab	57.3671, 16.7010, -46.3752

Details

The Decimal color **9736940** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **15395986**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **13486335**, and **6119604** is the 20% darker color. If you saturate the color by 10%, you get **8223468**, and if you desaturate by 10%, it is **11250412**.

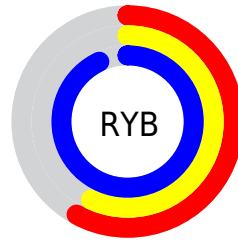
Distribution



Red (58%)

Green (57%)

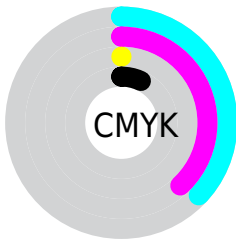
Blue (93%)



Red (58%)

Yellow (57%)

Blue (93%)

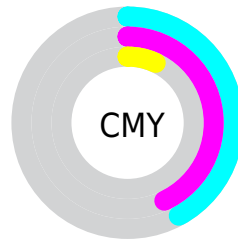


Cyan (37%)

Magenta (38%)

Yellow (0%)

Black (7%)



Cyan (42%)

Magenta (43%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9736940 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 9736940 by changing the saturation by 10% instead.

■ 9736940

■ 9736940

16777215

■ 7895247

■ 13486335

■ 6119604

■ 15394047

■ 4278425

■ 2372222

■ 7525

■ 1612

■ 1333

■ 543

■ 1

■ 9736940

■ 9736940

■ 8223468

■ 11250412

■ 6710252

■ 12763628

■ 5196780

■ 14277100

■ 3683564

■ 15790316

■ 2170092

■ 16777196

■ 656620

■ 327916

Harmonies

Analogous

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



2859764



9736940



13467854

Triad

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



9736940



14452306



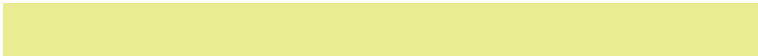
45459

Complementary

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



9736940



15395986

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.



5680487



9736940



12228414

Square

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



9736940



15628407



9348167



45505

Rectangle

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



9736940



14907570



9348167



307332

Sweetspot

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



9736940



15000575



9628652



7303040



0



8421504

Same Dimension

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



9736940



9210623



12620524



6974069



262325



65590

Inverse Universe

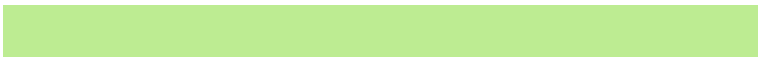
The Inverse Universe completely reimagines the original color for something new.



15504106



16747260



12446866



7694965



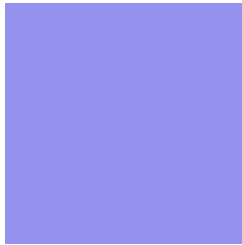
11862193



3538996

Previews

White Background



This preview shows how the Decimal color 9736940 looks on a white background.

Color Contrast Check

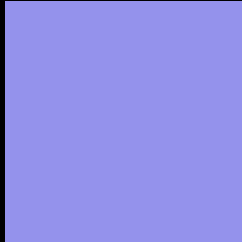
Large Text (above 18pt) WCAG AA × Fail

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 9736940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

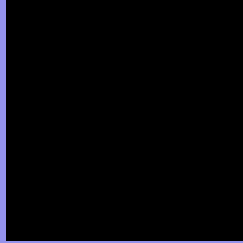
Any Text WCAG AA ✓ Pass

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 9736940 Background



This preview shows how black text looks on a background with the Decimal color 9736940.



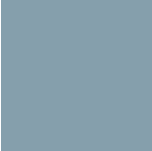
This preview shows how white text looks on a background with the Decimal color 9736940.

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



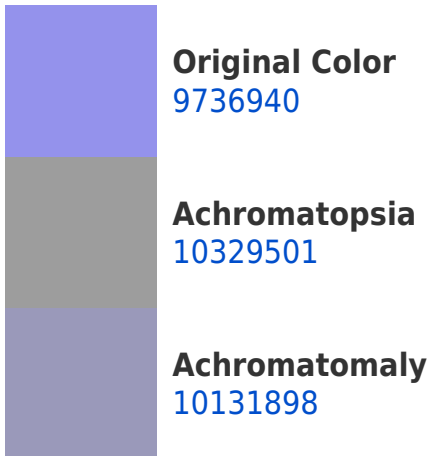


Tritanopia
8757164

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9736940 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 #9492EC looks like.

```
.text, #text, p{  
    color:#9492EC  
}
```

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 #9492EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9492EC
}
```

Border

The CSS property to change the border of an element to Decimal 9736940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

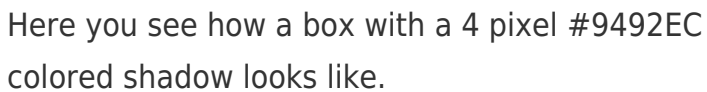
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9492EC }
```

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

```
.border{ border-color:#9492EC }
```

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



Here you see how a box with a 4 pixel #9492EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9492EC; -webkit-box-shadow:4px 4px  
4px 4px #9492EC; box-shadow:4px 4px 4px  
4px #9492EC }
```

Background

The CSS property to change the background color of an element to Decimal 9736940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9492EC }
```

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

```
.background{ background-color:#9492EC }
```

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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