

Converting Colors

Decimal(6422434)

Have a look what the booklet for
Decimal(6422434) contains.

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Color

Decimal(6422434)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 61FFA2 |
| RGB | 97, 255, 162 |
| RGB Percent | 38%, 100%, 64% |
| CMY | 0.6196, 0.0000, 0.3647 |
| CMYK | 0.62, 0.00, 0.36, 0.00 |
| HSL | 145°, 100%, 69% |
| HSV | 145°, 62%, 100% |
| XYZ | 47.2114, 76.6700, 46.4929 |
| YIQ | 197.1560, -64.3150, -62.4190 |

Conversions

Conversions Part 2

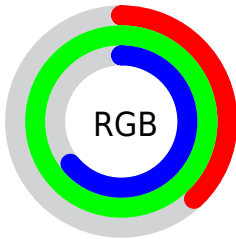
| Format | Color |
|--|--|
| RYB | 97, 209, 255 |
| Decimal | 6422434 |
| CIELab | 90.17, -61.65, 32.45 |
| CIElCh | 90, 69.665, 152.242 |
| Yxy | 76.6700, 0.2771, 0.4500 |
| Android (android.graphics.Color) | 4284612514 (0xFF61FFA2) |
| YUV | 197.1560, -17.3319, -87.8368 |
| Hunter-Lab | 87.5614, -56.9889, 29.8115 |

Details

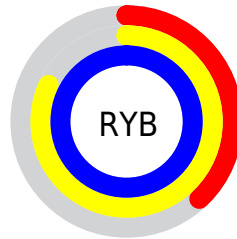
The Decimal color **6422434** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **16736702**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **10616793**, and **50541** is the 20% darker color. If you saturate the color by 10%, you get **4718483**, and if you desaturate by 10%, it is **8060849**.

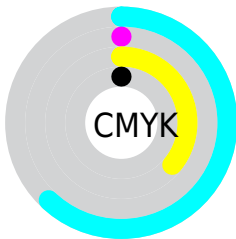
Distribution



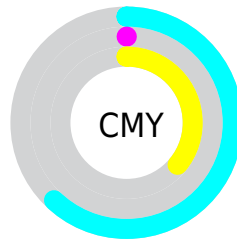
- Red (38%)
- Green (100%)
- Blue (64%)



- Red (38%)
- Yellow (82%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6422434 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 6422434 by changing the saturation by 10% instead.



6422434



6422434

16777215



3990151



10616793



50541



12582902



43348



14614527



36412



16646143



29476



22795



16384



10240



256

■ 6422434

■ 6422434

■ 4718483

■ 8060849

■ 3080068

■ 9764800

■ 1376117

■ 11468751

■ 65385

■ 13107166

■ 14811117

■ 16449532

16777215

Harmonies

Analogous

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



12579948



6422434



65510

Triad

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



6422434



6678783



16757151

Complementary

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



6422434



16736702

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.



16754913



6422434



15585279

Square

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



6422434



64255



16758271



16763244

Rectangle

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



6422434



65535



16758271



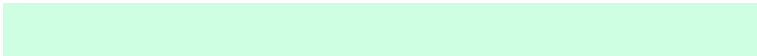
16755892

Sweetspot

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



6422434



13631458



12648289



6455406



0



8421504

Same Dimension

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



6422434



4390800



6422511



7569528



48975



16410

Inverse Universe

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



16736702



16728753



16736625



8418170



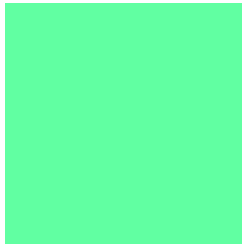
12517489



4194342

Previews

White Background



This preview shows how the Decimal color 6422434 looks on a white background.

Color Contrast Check

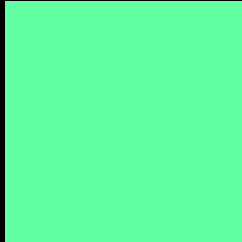
Large Text (above 18pt) WCAG AA × Fail

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 6422434 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

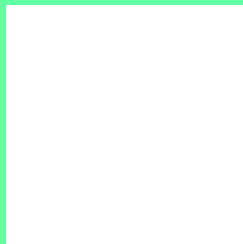
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6422434 Background



This preview shows how black text looks on a background with the Decimal color 6422434.

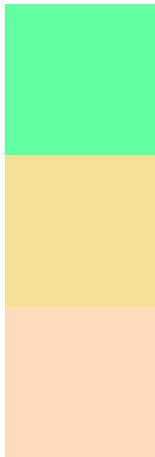


This preview shows how white text looks on a background with the Decimal color 6422434.

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



Original Color
6422434

Protanopia
16048533

Deuteranopia
16767675



Tritanopia
10219519

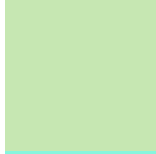
Trichromacy



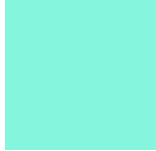
Original Color
6422434



Protanomaly
12577946

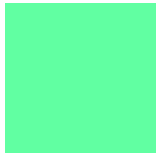


Deuteranomaly
13035442

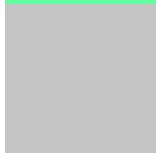


Tritanomaly
8844765

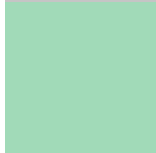
Monochromacy



Original Color
6422434



Achromatopsia
12961221



Achromatomaly
10607288

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6422434 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 #61FFA2 looks like.

```
.text, #text, p{  
    color:#61FFA2  
}
```

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 #61FFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FFA2
}
```

Border

The CSS property to change the border of an element to Decimal 6422434 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
#61FFA2 }
```

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

```
.border{ border-color:#61FFA2 }
```

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

Here you see how a box with a 4 pixel #61FFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FFA2; -webkit-box-shadow:4px 4px  
4px 4px #61FFA2; box-shadow:4px 4px 4px  
4px #61FFA2 }
```

Background

The CSS property to change the background color of an element to Decimal 6422434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FFA2 }
```

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

```
.background{ background-color:#61FFA2 }
```

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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