

Converting Colors

Decimal(6614422)

Have a look what the booklet for
Decimal(6614422) contains.

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Color

Decimal(6614422)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 64ED96 |
| RGB | 100, 237, 150 |
| RGB Percent | 39%, 93%, 59% |
| CMY | 0.6078, 0.0706, 0.4118 |
| CMYK | 0.58, 0.00, 0.37, 0.07 |
| HSL | 142°, 79%, 66% |
| HSV | 142°, 58%, 93% |
| XYZ | 41.0447, 65.4797, 39.3297 |
| YIQ | 186.1190, -53.7250, -56.1010 |

Conversions

Conversions Part 2

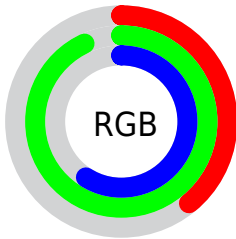
| Format | Color |
|-------------------------------------|--|
| RYB | 100, 200, 237 |
| Decimal | 6614422 |
| CIELab | 84.73, -56.25, 31.24 |
| CIELCh | 85, 64.345, 150.956 |
| Yxy | 65.4797, 0.2814, 0.4489 |
| Android (android.graphics.Color) | 4284804502 (0xFF64ED96) |
| YUV | 186.1190, -17.8067, -75.5264 |
| Hunter-Lab | 80.9195, -51.0688, 27.8267 |

Details

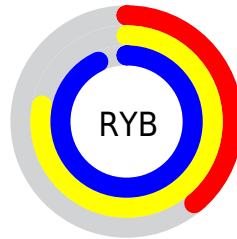
The Decimal color **6614422** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **15557819**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **10616781**, and **1487970** is the 20% darker color. If you saturate the color by 10%, you get **5041543**, and if you desaturate by 10%, it is **8187301**.

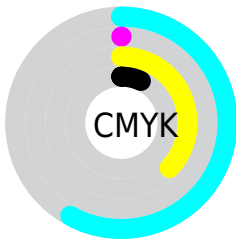
Distribution



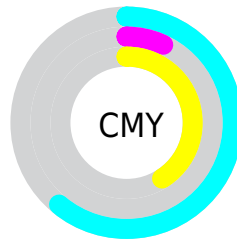
- Red (39%)
- Green (93%)
- Blue (59%)



- Red (39%)
- Yellow (78%)
- Blue (93%)



- Cyan (58%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)

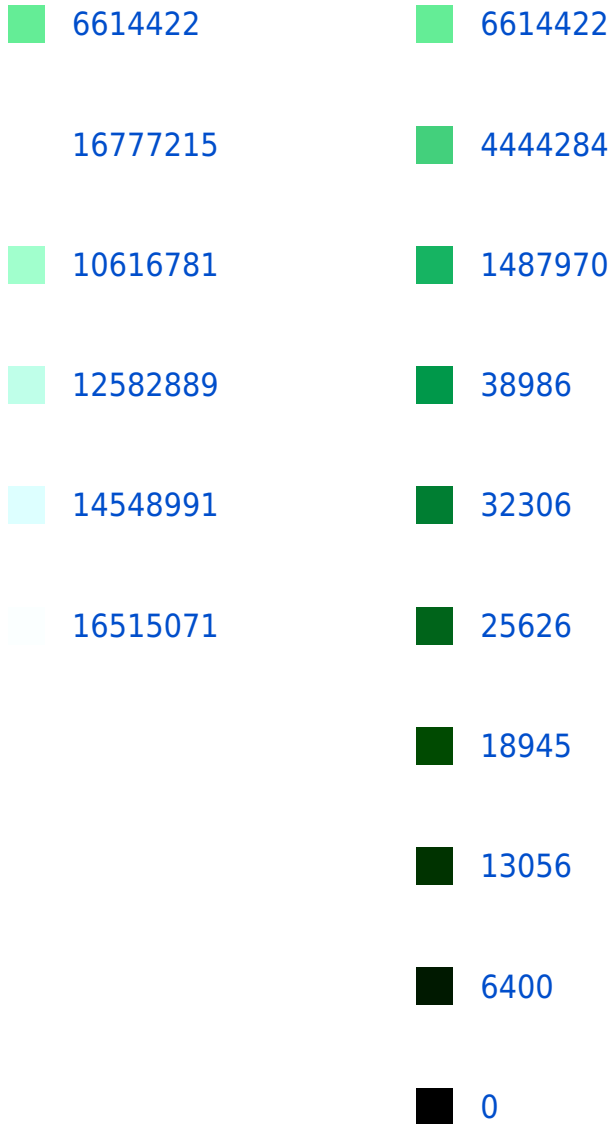


- Cyan (61%)
- Magenta (7%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6614422 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 6614422 by changing the saturation by 10% instead.



 6614422

 6614422


 5041543

 8187301

 3534200

 9694644

 1961321

 11267523

 388442

 12840402

 60758

 14347745

 15920624

 16772607

Harmonies

Analogous

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



11985510



6614422



62164

Triad

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



6614422



6150655



16754328

Complementary

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



6614422



15557819

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.



16752596



6614422



14271487

Square

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



6614422



59903



16755711



16759657

Rectangle

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



6614422



62205



16755711



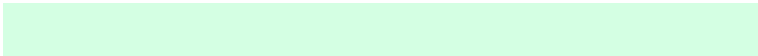
16753067

Sweetspot

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



6614422



13959139



12447076



6717551



0



8421504

Same Dimension

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



6614422



5242767



6614488



6976878



46402



13844

Inverse Universe

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



15557819



16732095



15557753



7694961



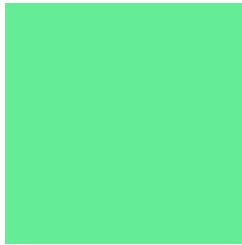
11862131



3538978

Previews

White Background



This preview shows how the Decimal color 6614422 looks on a white background.

Color Contrast Check

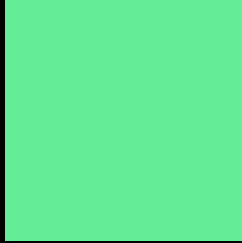
Large Text (above 18pt) WCAG AA × Fail

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 6614422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

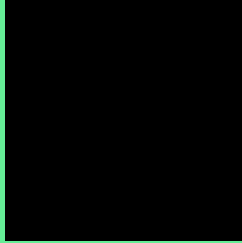
Any Text WCAG AA ✓ Pass

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 6614422 Background



This preview shows how black text looks on a background with the Decimal color 6614422.

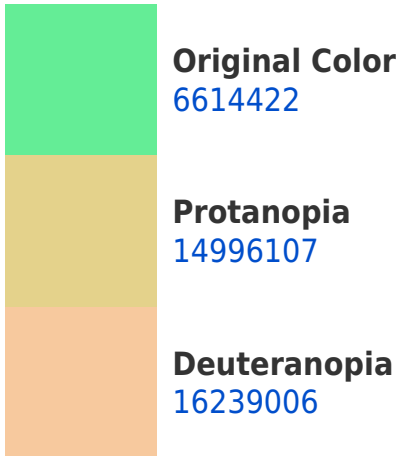


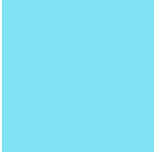
This preview shows how white text looks on a background with the Decimal color 6614422.

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](#).

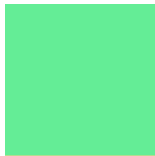
Dichromacy



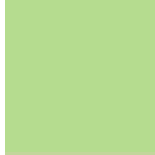


Tritanopia
8381172

Trichromacy



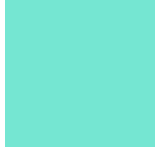
Original Color
6614422



Protanomaly
11918479



Deuteranomaly
12768923



Tritanomaly
7726802

Monochromacy



Original Color
6614422



Achromatopsia
12237498



Achromatomaly
10210733

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6614422 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 #64ED96 looks like.

```
.text, #text, p{  
    color:#64ED96  
}
```

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 #64ED96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64ED96
}
```

Border

The CSS property to change the border of an element to Decimal 6614422 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
#64ED96 }
```

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

```
.border{ border-color:#64ED96 }
```

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

Here you see how a box with a 4 pixel #64ED96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64ED96; -webkit-box-shadow:4px 4px  
4px 4px #64ED96; box-shadow:4px 4px 4px  
4px #64ED96 }
```

Background

The CSS property to change the background color of an element to Decimal 6614422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64ED96 }
```

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

```
.background{ background-color:#64ED96 }
```

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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