

Converting Colors

Decimal(6157220)

Have a look what the booklet for
Decimal(6157220) contains.

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Color

Decimal(6157220)

Conversions

Conversions Part 1

Format	Color
Hex	5DF3A4
RGB	93, 243, 164
RGB Percent	36%, 95%, 64%
CMY	0.6353, 0.0471, 0.3569
CMYK	0.62, 0.00, 0.33, 0.05
HSL	148°, 86%, 66%
HSV	148°, 62%, 95%
XYZ	43.2656, 69.1087, 46.1809
YIQ	189.1440, -64.0410, -56.3690

Conversions

Conversions Part 2

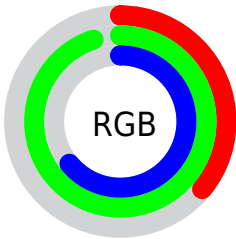
Format	Color
RYB	93, 195, 243
Decimal	6157220
CIELab	86.56, -57.43, 26.56
CIElCh	87, 63.277, 155.185
Yxy	69.1087, 0.2729, 0.4359
Android (android.graphics.Color)	4284347300 (0xFF5DF3A4)
YUV	189.1440, -12.3960, -84.3183
Hunter-Lab	83.1316, -52.5805, 25.2556

Details

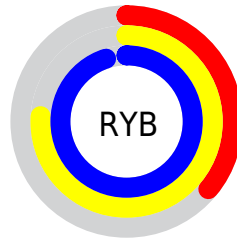
The Decimal color **6157220** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **15949228**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **10289115**, and **47728** is the 20% darker color. If you saturate the color by 10%, you get **4584343**, and if you desaturate by 10%, it is **7730097**.

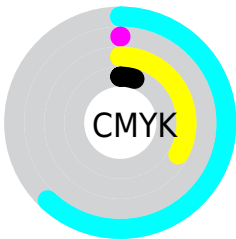
Distribution



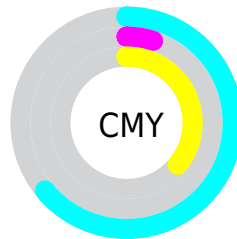
- Red (36%)
- Green (95%)
- Blue (64%)



- Red (36%)
- Yellow (76%)
- Blue (95%)



- Cyan (62%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)



- Cyan (64%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6157220 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 6157220 by changing the saturation by 10% instead.

 6157220

 6157220

16777215

 3790473

 10289115

 47728

 12255224

 40535

 14286847

 33599

 16252927

 26920

 20241

 14080

 7936

 0

■ 6157220

■ 6157220

■ 4584343

■ 7730097

■ 2945930

■ 9368510

■ 1373054

■ 10941386

■ 62323

■ 12514263

■ 14087140

■ 15725553

■ 16774142

■ 16774143

Harmonies

Analogous

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



11790706



6157220



63458

Triad

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



6157220



8379647



16756375

Complementary

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



6157220



15949228

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.



16754129



6157220



15451647

Square

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



6157220



60671



16756479



16761707

Rectangle

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



6157220



63231



16756479



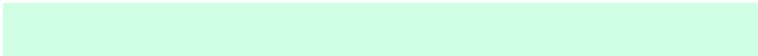
16755113

Sweetspot

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



6157220



13631461



11400029



6455408



0



8421504

Same Dimension

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



6157220



4390812



6157294



7240308



47704



15132

Inverse Universe

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



15949228



16728742



15949154



8023669



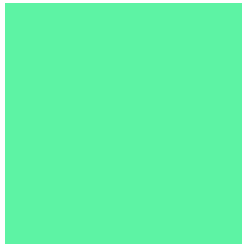
12189794



3866655

Previews

White Background



This preview shows how the Decimal color 6157220 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 6157220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

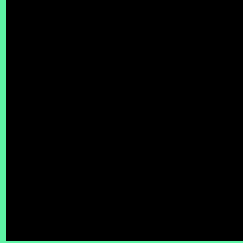
Any Text WCAG AA ✓ Pass

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 6157220 Background



This preview shows how black text looks on a background with the Decimal color 6157220.



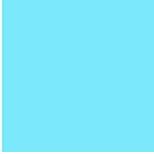
This preview shows how white text looks on a background with the Decimal color 6157220.

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
7989499

Trichromacy



Original Color
6157220



Protanomaly
11919772



Deuteranomaly
12704681



Tritanomaly
7335131

Monochromacy



Original Color
6157220



Achromatopsia
12434877



Achromatomaly
10146228

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6157220 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 #5DF3A4 looks like.

```
.text, #text, p{  
    color:#5DF3A4  
}
```

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 #5DF3A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF3A4
}
```

Border

The CSS property to change the border of an element to Decimal 6157220 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
#5DF3A4 }
```

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

```
.border{ border-color:#5DF3A4 }
```

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

Here you see how a box with a 4 pixel #5DF3A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF3A4; -webkit-box-shadow:4px 4px  
4px 4px #5DF3A4; box-shadow:4px 4px 4px  
4px #5DF3A4 }
```

Background

The CSS property to change the background color of an element to Decimal 6157220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF3A4 }
```

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

```
.background{ background-color:#5DF3A4 }
```

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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