

# Converting Colors

Decimal(6223715)

Have a look what the booklet for  
Decimal(6223715) contains.

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# **Color**

**Decimal(6223715)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EF763
RGB	94, 247, 99
RGB Percent	37%, 97%, 39%
CMY	0.6314, 0.0314, 0.6118
CMYK	0.62, 0.00, 0.60, 0.03
HSL	122°, 91%, 67%
HSV	122°, 62%, 97%
XYZ	40.1290, 69.8021, 23.1625
YIQ	184.3810, -43.6800, -78.4640

# Conversions

## Conversions Part 2

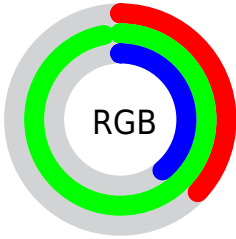
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 242, 247
Decimal	6223715
CIELab	86.90, -68.44, 58.02
CIELCh	87, 89.722, 139.708
Yxy	69.8021, 0.3015, 0.5245
Android (android.graphics.Color)	4284413795 (0xFF5EF763)
YUV	184.3810, -42.0928, -79.2641
Hunter-Lab	83.5476, -60.4725, 42.0459

# Details

The Decimal color **6223715** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **16211698**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **10420122**, and **48427** is the 20% darker color. If you saturate the color by 10%, you get **4585291**, and if you desaturate by 10%, it is **7862139**.

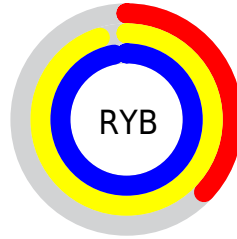
# Distribution



Red (37%)

Green (97%)

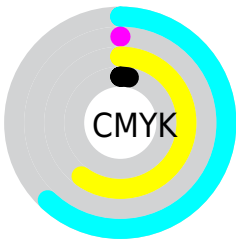
Blue (39%)



Red (37%)

Yellow (95%)

Blue (97%)

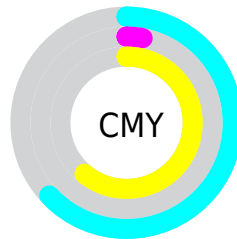


Cyan (62%)

Magenta (0%)

Yellow (60%)

Black (3%)



Cyan (63%)

Magenta (3%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6223715 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 6223715 by changing the saturation by 10% instead.



 6223715

 6223715

16777215

 3725896

 10420122

 48427

 12451766

 41217

 14483411

 34304

 16515056

 27392

 20736

 14848

 8192

 0

■ 6223715

■ 6223715

■ 4585291

■ 7862139

■ 3012403

■ 9435027

■ 1373979

■ 11073451

■ 63240

■ 12711875

■ 14350298

■ 15923186

■ 16775167

# Harmonies

## Analogous

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



13493770



6223715



65464

# Triad

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



6223715



60671



16746405

# Complementary

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



6223715



16211698

# Split Complementary

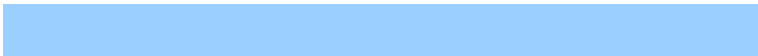
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16746491



6223715



10211327

# Square

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



6223715



64767



16755199



16754520

# Rectangle

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



6223715



65524



16755199



16745153

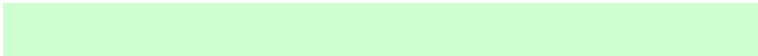


# Sweetspot

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



6223715



13631440



16054110



6455395



0



8421504



# Same Dimension

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



6223715



4390728



6223789



7240303



47622



15106



# Inverse Universe

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



16211698



16728825



16211624



8023674



12189876

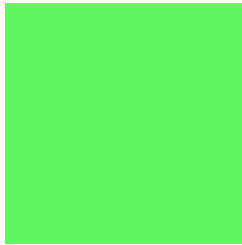


3866681



# Previews

## White Background



This preview shows how the Decimal color 6223715 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 6223715 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

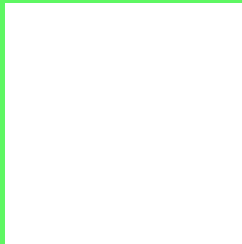
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6223715 Background



This preview shows how black text looks on a background with the Decimal color 6223715.

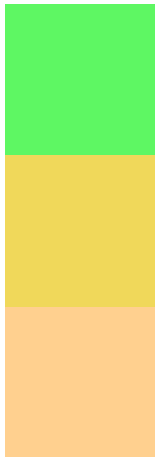


This preview shows how white text looks on a background with the Decimal color 6223715.

# 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](#).

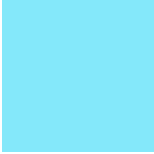
## Dichromacy



**Original Color**  
6223715

**Protanopia**  
15784026

**Deuteranopia**  
16765071



**Tritanopia**  
8710394

# Trichromacy



**Original Color**  
6223715



**Protanomaly**  
12313437

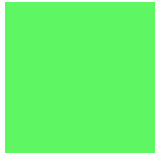


**Deuteranomaly**  
12902015



**Tritanomaly**  
7794115

# Monochromacy



**Original Color**  
6223715



**Achromatopsia**  
12105912



**Achromatomaly**  
9949081

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6223715 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 #5EF763 looks like.

```
.text, #text, p{  
    color:#5EF763  
}
```

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 #5EF763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF763
}
```

## Border

The CSS property to change the border of an element to Decimal 6223715 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
#5EF763 }
```

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

```
.border{ border-color:#5EF763 }
```

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

Here you see how a box with a 4 pixel #5EF763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF763; -webkit-box-shadow:4px 4px  
4px 4px #5EF763; box-shadow:4px 4px 4px  
4px #5EF763 }
```

# Background

The CSS property to change the background color of an element to Decimal 6223715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF763 }
```

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

```
.background{ background-color:#5EF763 }
```

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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