

# Converting Colors

Decimal(61523)

Have a look what the booklet for  
Decimal(61523) contains.

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# **Color**

**Decimal(61523)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F053
RGB	0, 240, 83
RGB Percent	0%, 94%, 33%
CMY	1.0000, 0.0588, 0.6745
CMYK	1.00, 0.00, 0.65, 0.06
HSL	141°, 100%, 47%
HSV	141°, 100%, 94%
XYZ	32.7214, 62.9447, 18.6086
YIQ	150.3420, -92.6430, -99.7070

# Conversions

## Conversions Part 2

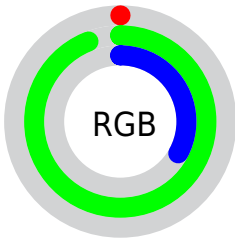
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 178, 240
Decimal	61523
CIELab	83.41, -78.08, 60.41
CIELCh	83, 98.719, 142.268
Yxy	62.9447, 0.2863, 0.5508
Android (android.graphics.Color)	4278251603 (0xFF00F053)
YUV	150.3420, -33.1996, -131.8499
Hunter-Lab	79.3377, -65.2218, 41.6300

# Details

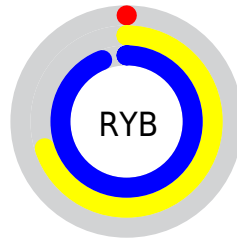
The Decimal color **61523** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **15728797**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7470986**, and **46612** is the 20% darker color. If you saturate the color by 10%, you get **61523**, and if you desaturate by 10%, it is **1634403**.

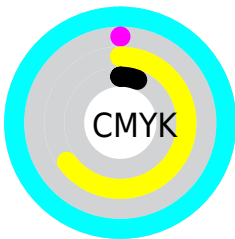
# Distribution



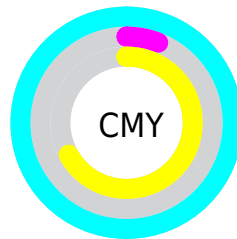
- Red (0%)
- Green (94%)
- Blue (33%)



- Red (0%)
- Yellow (70%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 61523 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 61523 by changing the saturation by 10% instead.





 61523

 1634403

 3207282

 4780162

 6353042

 7925921

 9498801

 11071681

 12644561

 14217440

# Harmonies

## Analogous

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



12050432



61523



63668

# Triad

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



61523



58111



16740240

# Complementary

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



61523



15728797

# Split Complementary

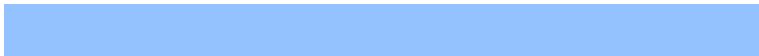
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16738796



61523



9683711

# Square

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



61523



62719



16749567



16751159

# Rectangle

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



61523



63989



16749567



16737966

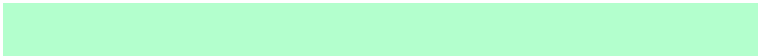


# Sweetspot

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



61523



11796429



10547200



5406817



0



8421504



# Same Dimension

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



61523



65368



61640



7108720



47167



14355



# Inverse Universe

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



15728797



16711847



15728680



7892084



12058744

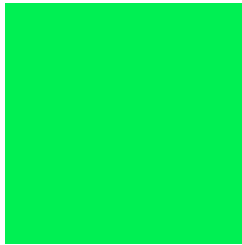


3670053



# Previews

## White Background



This preview shows how the Decimal color 61523 looks on a white background.

## Color Contrast Check

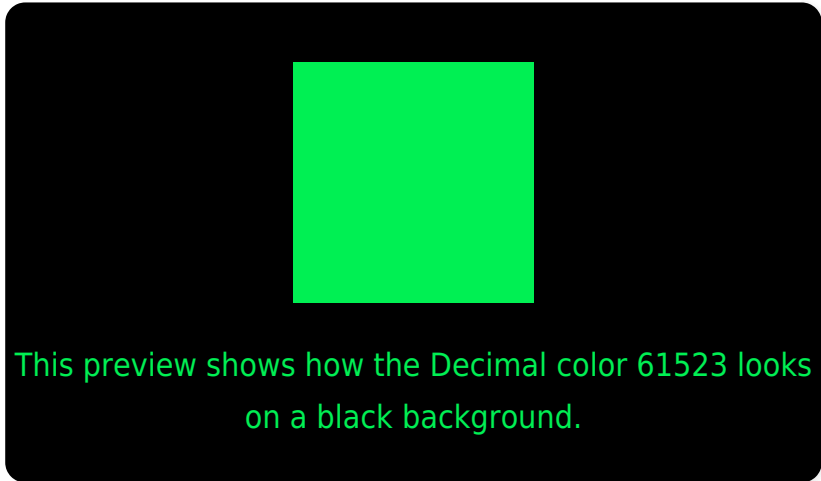
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 61523 Background



This preview shows how black text looks on a background with the Decimal color 61523.

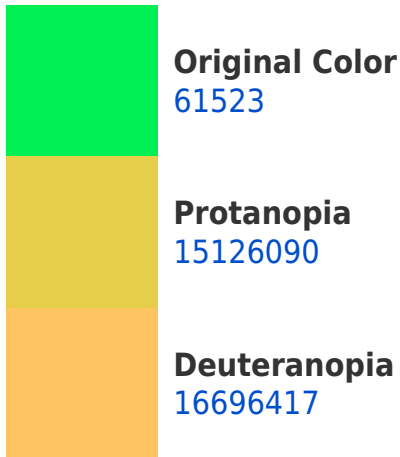


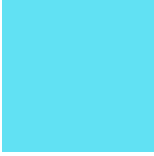
This preview shows how white text looks on a background with the Decimal color 61523.

# 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](#).

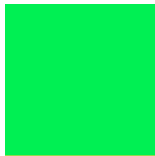
## Dichromacy





**Tritanopia**  
6414835

# Trichromacy



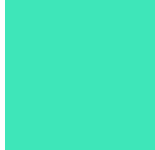
**Original Color**  
61523



**Protanomaly**  
9624141



**Deuteranomaly**  
10671196



**Tritanomaly**  
4122297

# Monochromacy



**Original Color**  
61523



**Achromatopsia**  
9868950



**Achromatomaly**  
6272894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 61523 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 #00F053 looks like.

```
.text, #text, p{  
    color:#00F053  
}
```

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 #00F053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F053
}
```

## Border

The CSS property to change the border of an element to Decimal 61523 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
#00F053 }
```

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

```
.border{ border-color:#00F053 }
```

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

Here you see how a box with a 4 pixel #00F053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F053; -webkit-box-shadow:4px 4px  
4px 4px #00F053; box-shadow:4px 4px 4px  
4px #00F053 }
```

# Background

The CSS property to change the background color of an element to Decimal 61523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F053 }
```

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

```
.background{ background-color:#00F053 }
```

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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