

Converting Colors

Decimal(5325567)

Have a look what the booklet for
Decimal(5325567) contains.

Decimal(5325567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(5325567)

Conversions

Conversions Part 1

Format	Color
Hex	5142FF
RGB	81, 66, 255
RGB Percent	32%, 26%, 100%
CMY	0.6824, 0.7412, 0.0000
CMYK	0.68, 0.74, 0.00, 0.00
HSL	245°, 100%, 63%
HSV	245°, 74%, 100%
XYZ	23.3916, 12.8658, 95.8582
YIQ	92.0310, -51.7290, 61.9590

Conversions

Conversions Part 2

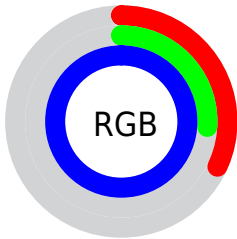
Format	Color
R_{YB}	81, 66, 255
Decimal	5325567
CIE _{Lab}	42.56, 60.92, -90.72
CIE _{LCh}	43, 109.276, 303.883
Yxy	12.8658, 0.1771, 0.0974
Android (android.graphics.Color)	4283515647 (0xFF5142FF)
YUV	92.0310, 80.3437, -9.6742
Hunter-Lab	35.8689, 53.6366, -133.3421

Details

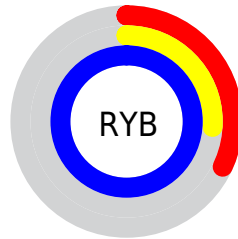
The Decimal color **5325567** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **15793986**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9926143**, and **3781** is the 20% darker color. If you saturate the color by 10%, you get **3811583**, and if you desaturate by 10%, it is **6839295**.

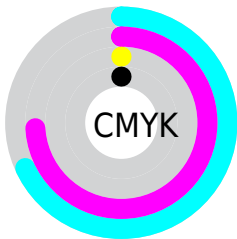
Distribution



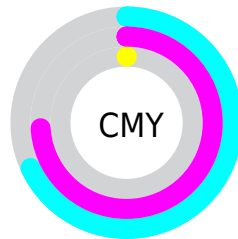
- Red (32%)
- Green (26%)
- Blue (100%)



- Red (32%)
- Yellow (26%)
- Blue (100%)



- Cyan (68%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5325567 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 5325567 by changing the saturation by 10% instead.

 5325567

 5325567

16777215

 1976802

 9926143

 3781

 12030207

 168

 14134271

 141

 16238591

 114

 16770047

 3417

 1856

 809

 275

■ 5325567

■ 5325567

■ 3811583

■ 6839295

■ 2232319

■ 8418815

■ 1310975

■ 9932799

■ 11512063

■ 13026047

■ 14605311

■ 16119039

16777215

Harmonies

Analogous

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



29183



5325567



13697206

Triad

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



5325567



12007680



33647

Complementary

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



5325567



15793986

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.



32768



5325567



7431680

Square

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



5325567



15073280



30976



34249

Rectangle

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



5325567



15663227



30976



33359

Sweetspot

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



5325567



13355007



4387583



6381184



0



8421504

Same Dimension

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



5325567



3022079



11354879



7631744



983231



327744

Inverse Universe

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



16728816



16719085



9764674



8418174



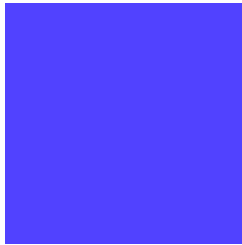
12517552



4194363

Previews

White Background



This preview shows how the Decimal color 5325567 looks on a white background.

Color Contrast Check

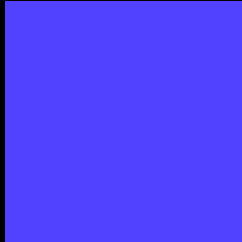
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5325567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5325567 Background



This preview shows how black text looks on a background with the Decimal color 5325567.

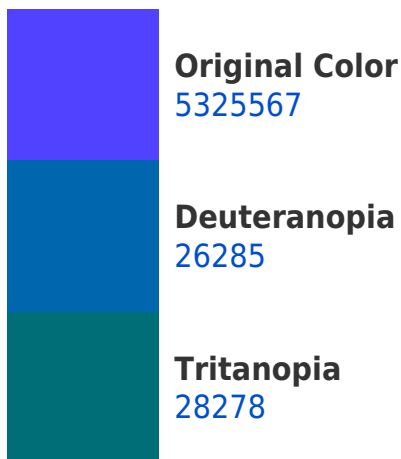


This preview shows how white text looks on a background with the Decimal color 5325567.

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



Trichromacy



Original Color
5325567

Deuteranomaly
1923531

Tritanomaly
1924776

Monochromacy



Original Color
5325567

Achromatopsia
6052956

Achromatomaly
5788567

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5325567 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 #5142FF looks like.

```
.text, #text, p{  
    color:#5142FF  
}
```

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 #5142FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5142FF
}
```

Border

The CSS property to change the border of an element to Decimal 5325567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

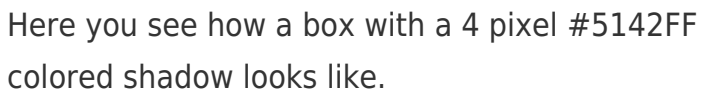
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5142FF }
```

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

```
.border{ border-color:#5142FF }
```

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



Here you see how a box with a 4 pixel #5142FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5142FF; -webkit-box-shadow:4px 4px  
4px 4px #5142FF; box-shadow:4px 4px 4px  
4px #5142FF }
```

Background

The CSS property to change the background color of an element to Decimal 5325567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5142FF }
```

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

```
.background{ background-color:#5142FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor