

Converting Colors

Decimal(35317)

Have a look what the booklet for
Decimal(35317) contains.

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Color

Decimal(35317)

Conversions

Conversions Part 1

Format	Color
Hex	0089F5
RGB	0, 137, 245
RGB Percent	0%, 54%, 96%
CMY	1.0000, 0.4627, 0.0392
CMYK	1.00, 0.44, 0.00, 0.04
HSL	206°, 100%, 48%
HSV	206°, 100%, 96%
XYZ	25.4271, 24.4839, 89.7719
YIQ	108.3490, -116.3200, 4.5440

Conversions

Conversions Part 2

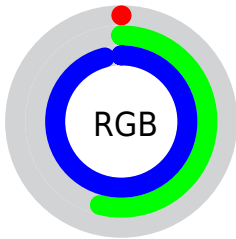
Format	Color
R _{YB}	0, 88, 245
Decimal	35317
CIE Lab	56.57, 9.38, -62.42
CIE LCh	57, 63.119, 278.542
Yxy	24.4839, 0.1820, 0.1753
Android (android.graphics.Color)	4278225397 (0xFF0089F5)
YUV	108.3490, 67.3689, -95.0221
Hunter-Lab	49.4812, 5.1344, -72.9308

Details

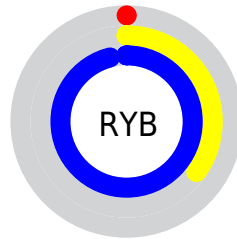
The Decimal color **35317** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **16083968**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **7192319**, and **22716** is the 20% darker color. If you saturate the color by 10%, you get **35317**, and if you desaturate by 10%, it is **1610997**.

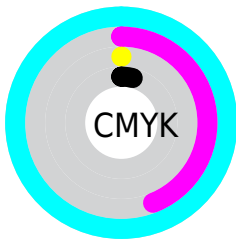
Distribution



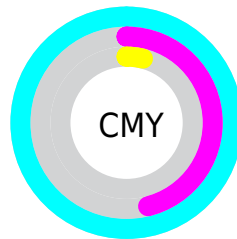
- Red (0%)
- Green (54%)
- Blue (96%)



- Red (0%)
- Yellow (35%)
- Blue (96%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (4%)




















- Cyan (100%)
- Magenta (46%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 35317 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 35317 by changing the saturation by 10% instead.

 35317	 35317
 16777215	 28888
 7192319	 22716
 9427455	 17056
 11532031	 11654
 13631487	 6764
 15728639	 2899
	 1594
	 548
	 12

■ 35317

■ 1610997

■ 3252213

■ 4893173

■ 6468853

■ 8110069

■ 9685749

■ 11261429

■ 12902389

■ 14543605

Harmonies

Analogous

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



39150



35317



10318558

Triad

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



35317



14769734



40797

Complementary

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



35317



16083968

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.



5805864



35317



12744214

Square

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



35317



15355770



9734656



41366

Rectangle

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



35317



1306690



9734656



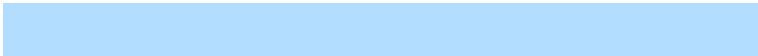
40267

Sweetspot

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



35317



11787775



62826



5401472



0



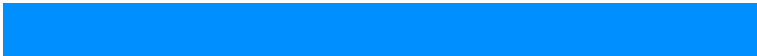
8421504

Same Dimension

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



35317



36863



4341



7239034



26810



8507

Inverse Universe

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



16056457



16711823



16114944



8023669



12189800



3866657

Previews

White Background



This preview shows how the Decimal color 35317 looks on a white background.

Color Contrast Check

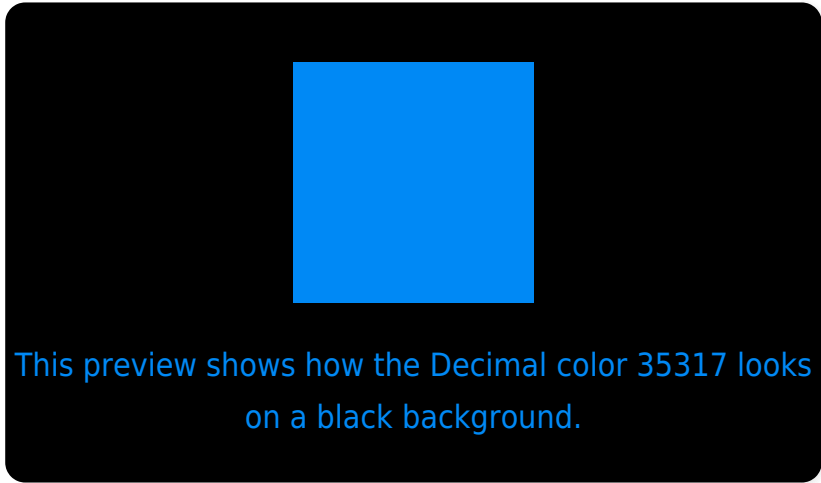
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

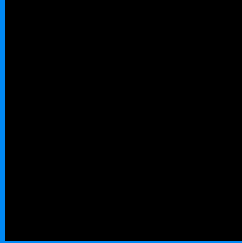
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

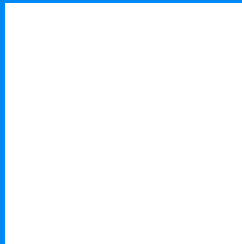
Any Text WCAG AAA × Fail

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

Decimal 35317 Background



This preview shows how black text looks on a background with the Decimal color 35317.



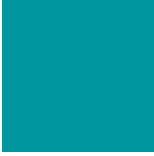
This preview shows how white text looks on a background with the Decimal color 35317.

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](#).

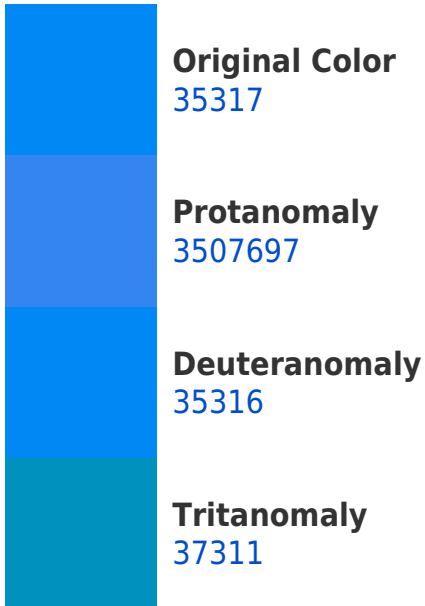
Dichromacy



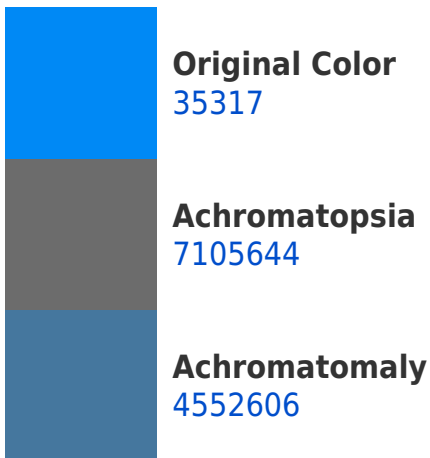


Tritanopia
38560

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 35317 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 #0089F5 looks like.

```
.text, #text, p{  
    color:#0089F5  
}
```

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 #0089F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0089F5
}
```

Border

The CSS property to change the border of an element to Decimal 35317 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
#0089F5 }
```

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

```
.border{ border-color:#0089F5 }
```

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

Here you see how a box with a 4 pixel #0089F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0089F5; -webkit-box-shadow:4px 4px  
4px 4px #0089F5; box-shadow:4px 4px 4px  
4px #0089F5 }
```

Background

The CSS property to change the background color of an element to Decimal 35317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0089F5 }
```

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

```
.background{ background-color:#0089F5 }
```

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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