

Converting Colors

Decimal(3956456)

Have a look what the booklet for
Decimal(3956456) contains.

Decimal(3956456)	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>	29

Color

Decimal(3956456)

Conversions

Conversions Part 1

Format	Color
Hex	3C5EE8
RGB	60, 94, 232
RGB Percent	24%, 37%, 91%
CMY	0.7647, 0.6314, 0.0902
CMYK	0.74, 0.59, 0.00, 0.09
HSL	228°, 79%, 57%
HSV	228°, 74%, 91%
XYZ	20.4317, 14.7923, 78.1223
YIQ	99.5660, -64.5620, 35.7100

Conversions

Conversions Part 2

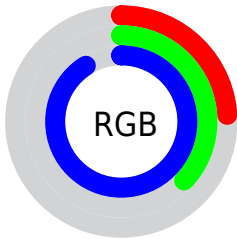
Format	Color
R _{YB}	60, 88, 232
Decimal	3956456
CIE Lab	45.35, 35.09, -73.27
CIE LCh	45, 81.242, 295.587
Yxy	14.7923, 0.1803, 0.1305
Android (android.graphics.Color)	4282146536 (0xFF3C5EE8)
YUV	99.5660, 65.2900, -34.6994
Hunter-Lab	38.4607, 27.5192, -93.5087

Details

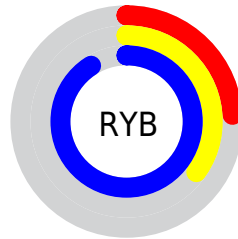
The Decimal color **3956456** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **15255100**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **8556799**, and **12719** is the 20% darker color. If you saturate the color by 10%, you get **2444264**, and if you desaturate by 10%, it is **5468648**.

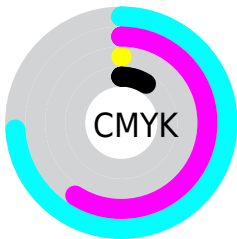
Distribution



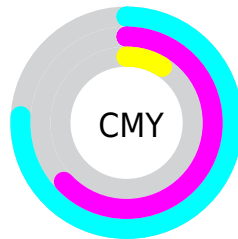
- Red (24%)
- Green (37%)
- Blue (91%)



- Red (24%)
- Yellow (35%)
- Blue (91%)



- Cyan (74%)
- Magenta (59%)
- Yellow (0%)
- Black (9%)

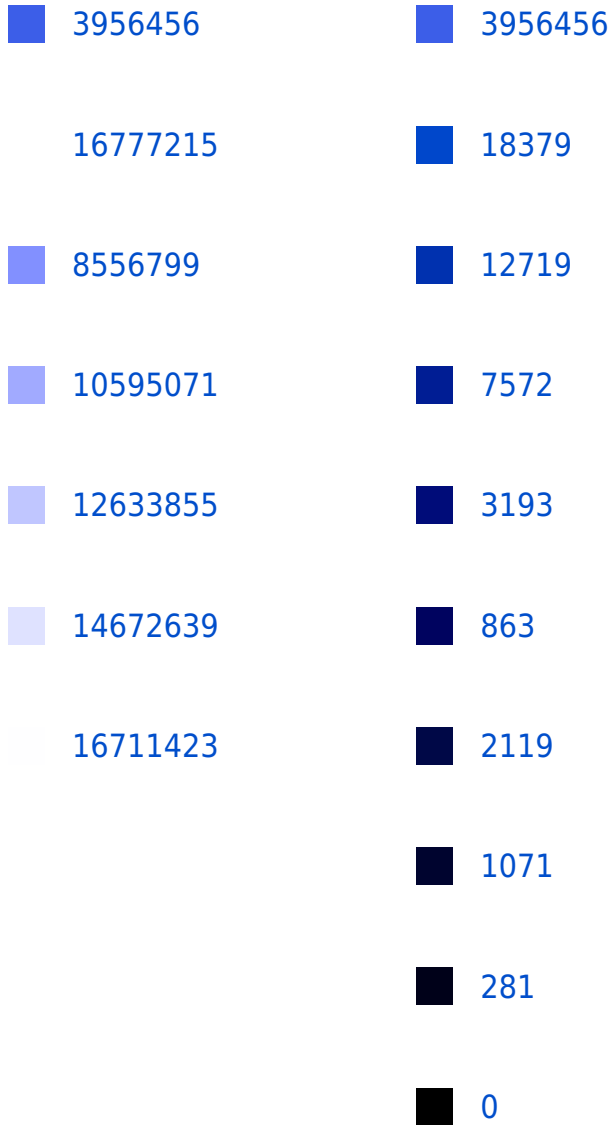


- Cyan (76%)
- Magenta (63%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3956456 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 3956456 by changing the saturation by 10% instead.



■ 3956456

■ 3956456

■ 2444264

■ 5468648

■ 932328

■ 6980584

■ 12008

■ 8558312

■ 10070248

■ 11582440

■ 13094632

■ 14606568

■ 16184296

■ 16777192

Harmonies

Analogous

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



30965



3956456



11546553

Triad

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



3956456



12338176



34399

Complementary

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



3956456



15255100

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.



33293



3956456



9200896

Square

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



3956456



14286902



4880384



34725

Rectangle

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



3956456



13631631



4880384



34119

Sweetspot

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



3956456



13095679



3991750



6186368



0



8421504

Same Dimension

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



3956456



1853951



7355624



6777459



9139



2611

Inverse Universe

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



15219806



16718921



11855932



7563114



11730979



3342346

Previews

White Background



This preview shows how the Decimal color 3956456 looks on a white background.

Color Contrast Check

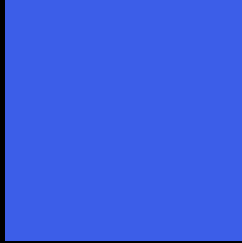
Large Text (above 18pt) WCAG AA ✓ Pass

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 3956456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

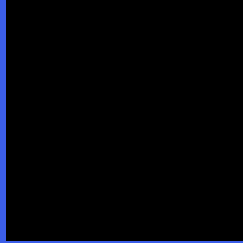
Any Text WCAG AA × Fail

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 3956456 Background



This preview shows how black text looks on a background with the Decimal color 3956456.



This preview shows how white text looks on a background with the Decimal color 3956456.

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
30334

Trichromacy



Original Color
3956456

Protanomaly
1467615

Deuteranomaly
1468619

Tritanomaly
1469861

Monochromacy



Original Color
3956456

Achromatopsia
6579300

Achromatomaly
5595796

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3956456 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 #3C5EE8 looks like.

```
.text, #text, p{  
    color:#3C5EE8  
}
```

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 #3C5EE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5EE8
}
```

Border

The CSS property to change the border of an element to Decimal 3956456 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
#3C5EE8 }
```

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

```
.border{ border-color:#3C5EE8 }
```

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

Here you see how a box with a 4 pixel #3C5EE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5EE8; -webkit-box-shadow:4px 4px  
4px 4px #3C5EE8; box-shadow:4px 4px 4px  
4px #3C5EE8 }
```

Background

The CSS property to change the background color of an element to Decimal 3956456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5EE8 }
```

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

```
.background{ background-color:#3C5EE8 }
```

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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