

Converting Colors

Decimal(4035813)

Have a look what the booklet for
Decimal(4035813) contains.

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Color

Decimal(4035813)

Conversions

Conversions Part 1

Format	Color
Hex	3D94E5
RGB	61, 148, 229
RGB Percent	24%, 58%, 90%
CMY	0.7608, 0.4196, 0.1020
CMYK	0.73, 0.35, 0.00, 0.10
HSL	209°, 76%, 57%
HSV	209°, 73%, 90%
XYZ	26.6572, 27.8291, 78.0953
YIQ	131.2210, -77.8530, 6.7470

Conversions

Conversions Part 2

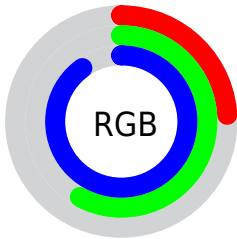
Format	Color
R _Y B	61, 118, 229
Decimal	4035813
CIE Lab	59.73, 0.85, -48.45
CIE LCh	60, 48.458, 271.002
Yxy	27.8291, 0.2011, 0.2099
Android (android.graphics.Color)	4282225893 (0xFF3D94E5)
YUV	131.2210, 48.2050, -61.5838
Hunter-Lab	52.7532, -2.1187, -50.8450

Details

The Decimal color **4035813** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **15044157**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **8440575**, and **25261** is the 20% darker color. If you saturate the color by 10%, you get **2525669**, and if you desaturate by 10%, it is **5545957**.

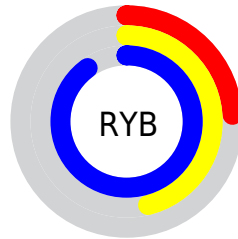
Distribution



Red (24%)

Green (58%)

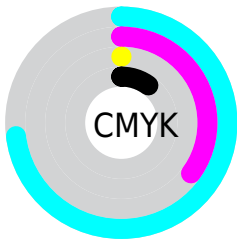
Blue (90%)



Red (24%)

Yellow (46%)

Blue (90%)

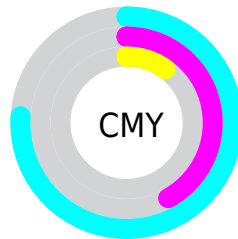


Cyan (73%)

Magenta (35%)

Yellow (0%)

Black (10%)



Cyan (76%)

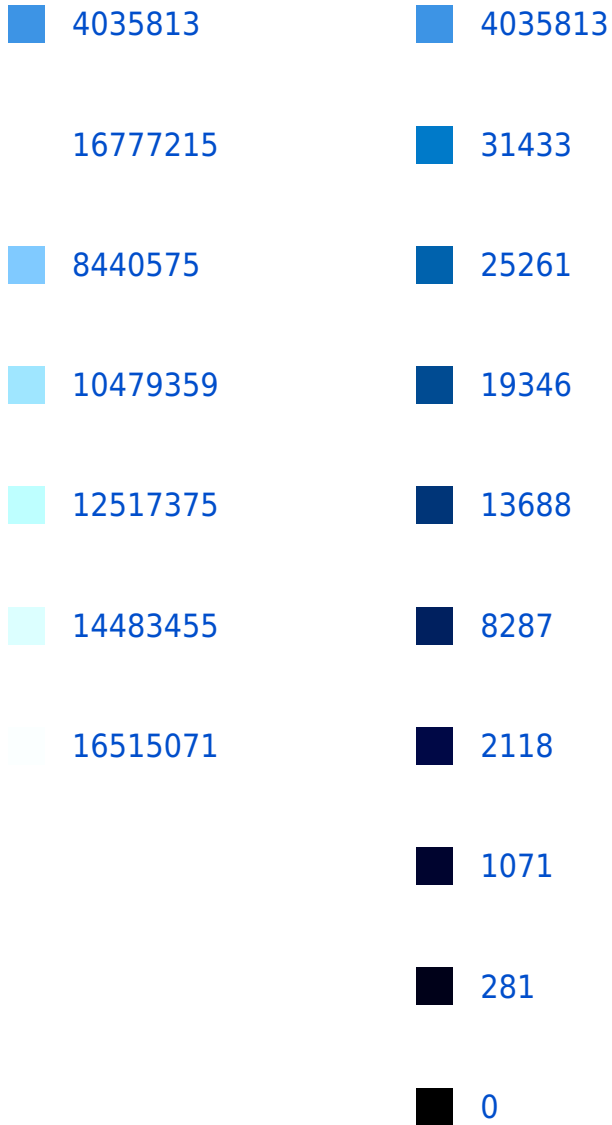
Magenta (42%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4035813 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 4035813 by changing the saturation by 10% instead.



■ 4035813

■ 4035813

■ 2525669

■ 5545957

■ 1015525

■ 7056101

■ 30693

■ 8566245

■ 10076389

■ 11586533

■ 13031141

■ 14541285

■ 16051429

■ 16775141

Harmonies

Analogous

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



40922



4035813



9733337

Triad

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



4035813



14512230



4301413

Complementary

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



4035813



15044157

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.



8100419



4035813



13205061

Square

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



4035813



14510992



10980918



42384

Rectangle

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



4035813



12089798



10980918



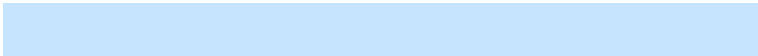
5808216

Sweetspot

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



4035813



13100287



4056459



6189184



0



8421504

Same Dimension

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



4035813



2069503



4015077



6778227



23731



6707

Inverse Universe

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



15023508



16719763



15064893



7563117



11731036



3342362

Previews

White Background



This preview shows how the Decimal color 4035813 looks on a white background.

Color Contrast Check

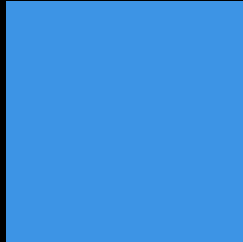
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 4035813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

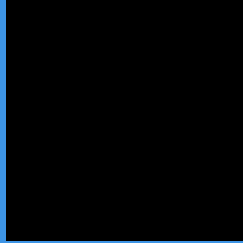
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 4035813 Background



This preview shows how black text looks on a background with the Decimal color 4035813.



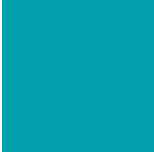
This preview shows how white text looks on a background with the Decimal color 4035813.

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
40875

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4035813 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 #3D94E5 looks like.

```
.text, #text, p{  
  color:#3D94E5  
}
```

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 #3D94E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D94E5
}
```

Border

The CSS property to change the border of an element to Decimal 4035813 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
#3D94E5 }
```

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

```
.border{ border-color:#3D94E5 }
```

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

Here you see how a box with a 4 pixel #3D94E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D94E5; -webkit-box-shadow:4px 4px  
4px 4px #3D94E5; box-shadow:4px 4px 4px  
4px #3D94E5 }
```

Background

The CSS property to change the background color of an element to Decimal 4035813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D94E5 }
```

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

```
.background{ background-color:#3D94E5 }
```

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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