

Converting Colors

Decimal(10071020)

Have a look what the booklet for
Decimal(10071020) contains.

Decimal(10071020)	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(10071020)

Conversions

Conversions Part 1

Format	Color
Hex	99ABEC
RGB	153, 171, 236
RGB Percent	60%, 67%, 93%
CMY	0.4000, 0.3294, 0.0745
CMYK	0.35, 0.28, 0.00, 0.07
HSL	227°, 69%, 76%
HSV	227°, 35%, 93%
XYZ	42.8401, 41.9543, 85.1969
YIQ	173.0280, -31.5930, 16.3990

Conversions

Conversions Part 2

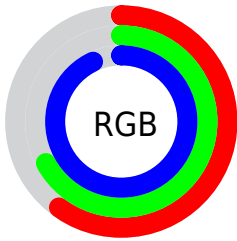
Format	Color
RYB	153, 168, 236
Decimal	10071020
CIELab	70.84, 9.05, -34.57
CIELCh	71, 35.739, 284.673
Yxy	41.9543, 0.2520, 0.2468
Android (android.graphics.Color)	4288261100 (0xFF99ABEC)
YUV	173.0280, 31.0452, -17.5646
Hunter-Lab	64.7721, 4.7083, -32.6457

Details

The Decimal color **10071020** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **15522457**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **13755135**, and **6518708** is the 20% darker color. If you saturate the color by 10%, you get **8493548**, and if you desaturate by 10%, it is **11648492**.

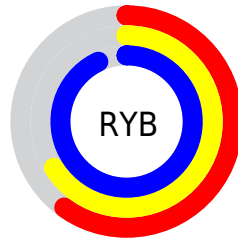
Distribution



Red (60%)

Green (67%)

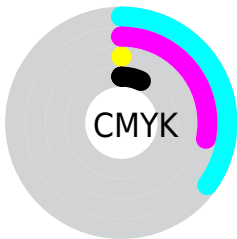
Blue (93%)



Red (60%)

Yellow (66%)

Blue (93%)

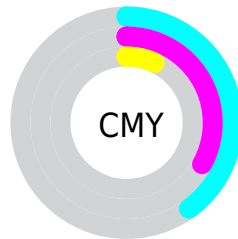


Cyan (35%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (40%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10071020 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 10071020 by changing the saturation by 10% instead.

■ 10071020

■ 10071020

16777215

■ 8294864

■ 13755135

■ 6518708

■ 15663103

■ 4742809

■ 2967423

■ 733541

■ 7245

■ 310

■ 544

■ 4

■ 10071020

■ 10071020

■ 8493548

■ 11648492

■ 6981356

■ 13160684

■ 5403884

■ 14738156

■ 3891692

■ 16250348

■ 2314220

■ 16777196

■ 736492

■ 13292

Harmonies

Analogous

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



6600171



10071020



12951516

Triad

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



10071020



15178625



6799003

Complementary

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



10071020



15522457

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.



9419134



10071020



13805167

Square

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



10071020



15570334



11776110



4177853

Rectangle

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



10071020



14391754



11776110



7650704

Sweetspot

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



10071020



14936575



10087641



7304064



0



8421504

Same Dimension

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



10071020



9743359



11508204



6974581



10165



3126

Inverse Universe

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



15505835



16749739



14085273



7694956



11862055



3538956

Previews

White Background



This preview shows how the Decimal color 10071020 looks on a white background.

Color Contrast Check

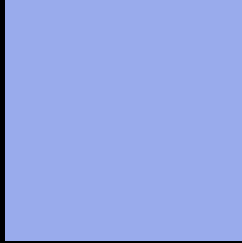
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 10071020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

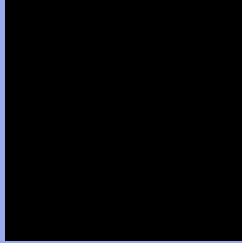
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 10071020 Background



This preview shows how black text looks on a background with the Decimal color 10071020.



This preview shows how white text looks on a background with the Decimal color 10071020.

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](#).

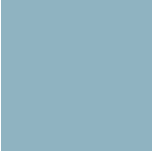
Dichromacy



Original Color
10071020

Protanopia
10136556

Deuteranopia
10136556



Tritanopia
9417665

Trichromacy



Original Color
10071020

Protanomaly
10136556

Deuteranomaly
10136556

Tritanomaly
9679057

Monochromacy



Original Color
10071020

Achromatopsia
11382189

Achromatomaly
10923204

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10071020 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 #99ABEC looks like.

```
.text, #text, p{  
  color:#99ABEC  
}
```

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 #99ABEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99ABEC
}
```

Border

The CSS property to change the border of an element to Decimal 10071020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

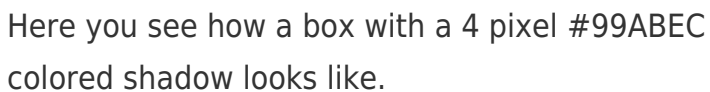
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99ABEC }
```

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

```
.border{ border-color:#99ABEC }
```

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



Here you see how a box with a 4 pixel #99ABEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99ABEC; -webkit-box-shadow:4px 4px  
4px 4px #99ABEC; box-shadow:4px 4px 4px  
4px #99ABEC }
```

Background

The CSS property to change the background color of an element to Decimal 10071020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99ABEC }
```

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

```
.background{ background-color:#99ABEC }
```

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