

# Converting Colors

Decimal(139028)

Have a look what the booklet for  
Decimal(139028) contains.

<b>Decimal(139028)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(139028)**

# Conversions

## Conversions Part 1

Format	Color
Hex	021F14
RGB	2, 31, 20
RGB Percent	1%, 12%, 8%
CMY	0.9922, 0.8784, 0.9216
CMYK	0.94, 0.00, 0.35, 0.88
HSL	157°, 88%, 6%
HSV	157°, 94%, 12%
XYZ	0.6413, 1.0434, 0.8294
YIQ	21.0750, -13.7530, -9.5690

# Conversions

## Conversions Part 2

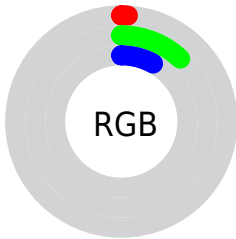
Format	Color
<a href="#">RYB</a>	<a href="#">2, 20, 31</a>
Decimal	<a href="#">139028</a>
CIELab	<a href="#">9.35, -14.02, 4.25</a>
CIElCh	<a href="#">9, 14.653, 163.126</a>
Yxy	<a href="#">1.0434, 0.2551, 0.4150</a>
Android (android.graphics.Color)	<a href="#">4278329108 (0xFF021F14)</a>
YUV	<a href="#">21.0750, -0.5300, -16.7288</a>
Hunter-Lab	<a href="#">10.2146, -6.6691, 2.3360</a>

# Details

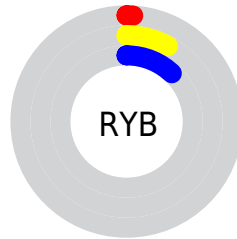
The Decimal color **139028** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2032141**, and the grayscale version is **1381653**.

A 20% lighter version of the original color is **3099454**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **7955**, and if you desaturate by 10%, it is **335637**.

# Distribution



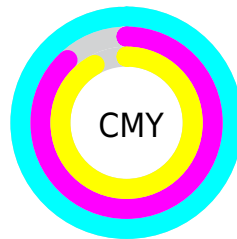
- Red (1%)
- Green (12%)
- Blue (8%)



- Red (1%)
- Yellow (8%)
- Blue (12%)



- Cyan (94%)
- Magenta (0%)
- Yellow (35%)
- Black (88%)



- Cyan (99%)
- Magenta (88%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 139028 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 139028 by changing the saturation by 10% instead.





139028



139028



14942196



0



3099454



4612949



6192238



7837319



9548193



11259068



13101272



139028



139028

■ 7955

■ 335637

■ 532246

■ 728856

■ 925465

■ 1122074

■ 1384219

■ 1580828

■ 1777437

■ 1974047

# Harmonies

## Analogous

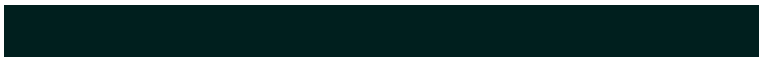
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1187080



139028



7966

# Triad

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



139028



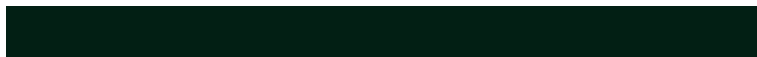
1186349



2823178

# Complementary

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



139028



2032141

# 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.



2953750



139028



2168361

# Square

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



139028



7469



2691872



2496512

# Rectangle

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



139028



7973



2691872



2888463



# Sweetspot

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



139028



1911076



859906



857106



9737364



1315860



# Same Dimension

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



139028



10521



138271



921359



20273



53120



# Inverse Universe

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



2032141



2686991



2032898



986638



5177374

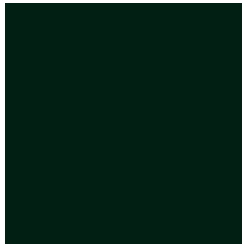


13566030



# Previews

## White Background



This preview shows how the Decimal color 139028 looks on a white background.

### Color Contrast Check

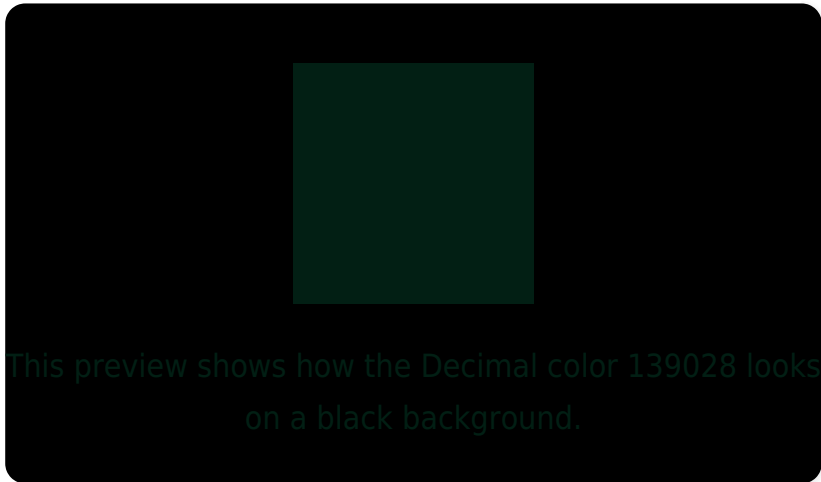
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

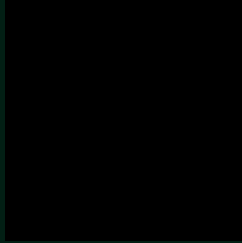
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 139028 Background



This preview shows how black text looks on a background with the Decimal color 139028.



This preview shows how white text looks on a background with the Decimal color 139028.

# 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**  
139028

**Protanopia**  
1907474

**Deuteranopia**  
2038293



**Tritanopia**  
728608

# Trichromacy



**Original Color**

139028

**Protanomaly**

1252371

**Deuteranomaly**

1317909

**Tritanomaly**

531996

# Monochromacy



**Original Color**

139028

**Achromatopsia**

1381653

**Achromatomaly**

923925

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 139028 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 #021F14 looks like.

```
.text, #text, p{  
    color:#021F14  
}
```

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 #021F14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021F14
}
```

## Border

The CSS property to change the border of an element to Decimal 139028 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".

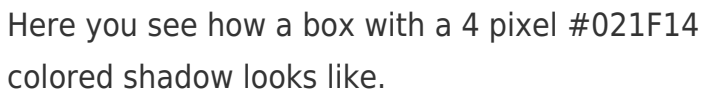
```
.border, #border, table{ border:4px solid
#021F14 }
```

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

```
.border{ border-color:#021F14 }
```

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

Here you see how a box with a 4 pixel #021F14 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021F14; -webkit-box-shadow:4px 4px  
4px 4px #021F14; box-shadow:4px 4px 4px  
4px #021F14 }
```

# Background

The CSS property to change the background color of an element to Decimal 139028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021F14 }
```

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

```
.background{ background-color:#021F14 }
```

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