

Converting Colors

Decimal(204592)

Have a look what the booklet for
Decimal(204592) contains.

Decimal(204592)	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(204592)

Conversions

Conversions Part 1

Format	Color
Hex	031F30
RGB	3, 31, 48
RGB Percent	1%, 12%, 19%
CMY	0.9882, 0.8784, 0.8118
CMYK	0.94, 0.35, 0.00, 0.81
HSL	203°, 88%, 10%
HSV	203°, 94%, 19%
XYZ	1.0610, 1.2127, 2.9745
YIQ	24.5660, -22.1450, -0.6490

Conversions

Conversions Part 2

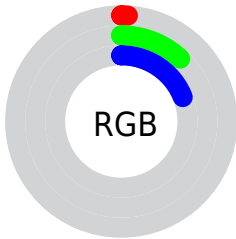
Format	Color
R _Y B	3, 20, 48
Decimal	204592
CIE Lab	10.65, -3.13, -14.28
CIE LCh	11, 14.623, 257.648
Yxy	1.2127, 0.2022, 0.2311
Android (android.graphics.Color)	4278394672 (0xFF031F30)
YUV	24.5660, 11.5530, -18.9134
Hunter-Lab	11.0124, -2.0733, -8.3056

Details

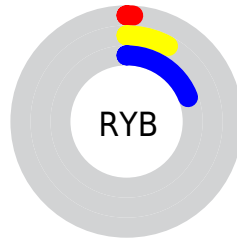
The Decimal color **204592** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3150851**, and the grayscale version is **1579032**.

A 20% lighter version of the original color is **3361630**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **7728**, and if you desaturate by 10%, it is **532784**.

Distribution



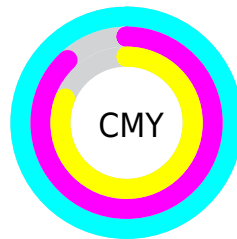
- Red (1%)
- Green (12%)
- Blue (19%)



- Red (1%)
- Yellow (8%)
- Blue (19%)



- Cyan (94%)
- Magenta (35%)
- Yellow (0%)
- Black (81%)



- Cyan (99%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 204592 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 204592 by changing the saturation by 10% instead.

■ 204592

■ 204592

■ 15466495

■ 1564

■ 3361630

■ 0

■ 4940407

■ 6585233

■ 8295851

■ 10006726

■ 11783138

■ 13625343

■ 204592

■ 204592

■ 7728

■ 532784

■ 860976

■ 1123376

■ 1451568

■ 1779760

■ 2107952

■ 2436144

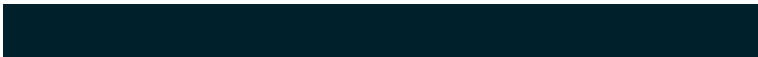
■ 2698800

■ 3026736

Harmonies

Analogous

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



8491



204592



1514544

Triad

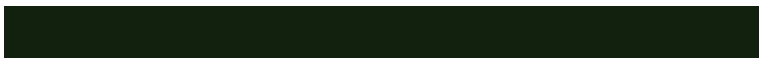
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204592



3151127



1187854

Complementary

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



204592



3150851

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.



1973765



204592



2955021

Square

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



204592



2954529



2562820



205336

Rectangle

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



204592



2169133



2562820



1449994

Sweetspot

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



204592



2897725



208916



1317663



10395294



2039583

Same Dimension

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



204592



9789



198960



1381911



13911



34262

Inverse Universe

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



3146527



3997734



3156483



1512726



5701686



14024837

Previews

White Background



This preview shows how the Decimal color 204592 looks on a white background.

Color Contrast Check

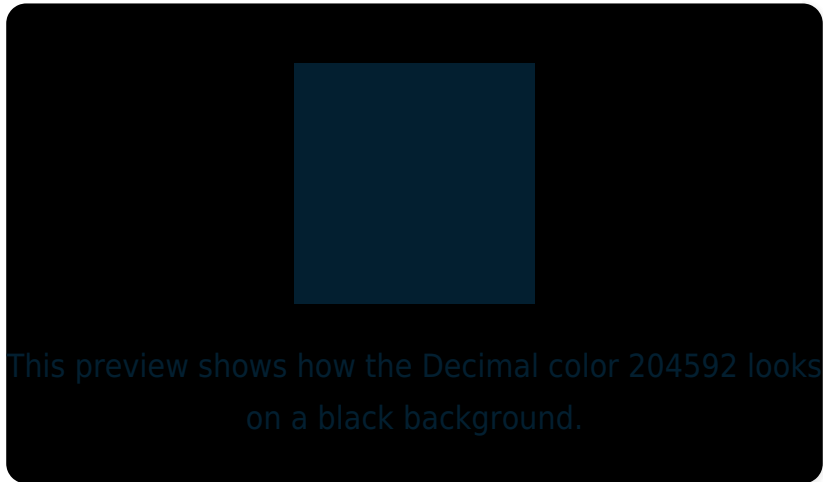
Large Text (above 18pt) WCAG AA ✓ Pass

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

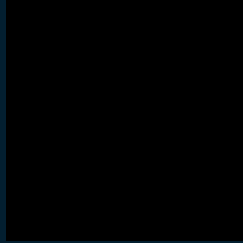
Any Text WCAG AA × Fail

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 204592 Background



This preview shows how black text looks on a background with the Decimal color 204592.



This preview shows how white text looks on a background with the Decimal color 204592.

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
204592

Protanopia
1514798

Deuteranopia
1187376



Tritanopia
8483

Trichromacy



Original Color
204592

Protanomaly
1056303

Deuteranomaly
859696

Tritanomaly
73768

Monochromacy



Original Color
204592

Achromatopsia
1644825

Achromatomaly
1121057

CSS Examples

Text

The CSS property to change the color of the text to Decimal 204592 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 #031F30 looks like.

```
.text, #text, p{  
    color:#031F30  
}
```

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 #031F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031F30
}
```

Border

The CSS property to change the border of an element to Decimal 204592 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
#031F30 }
```

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

```
.border{ border-color:#031F30 }
```

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

Here you see how a box with a 4 pixel #031F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031F30; -webkit-box-shadow:4px 4px  
4px 4px #031F30; box-shadow:4px 4px 4px  
4px #031F30 }
```

Background

The CSS property to change the background color of an element to Decimal 204592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031F30 }
```

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

```
.background{ background-color:#031F30 }
```

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