

Converting Colors

Decimal(12053)

Have a look what the booklet for
Decimal(12053) contains.

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Color

Decimal(12053)

Conversions

Conversions Part 1

Format	Color
Hex	002F15
RGB	0, 47, 21
RGB Percent	0%, 18%, 8%
CMY	1.0000, 0.8157, 0.9176
CMYK	1.00, 0.00, 0.55, 0.82
HSL	147°, 100%, 9%
HSV	147°, 100%, 18%
XYZ	1.1519, 2.0872, 1.0516
YIQ	29.9830, -19.6660, -18.0500

Conversions

Conversions Part 2

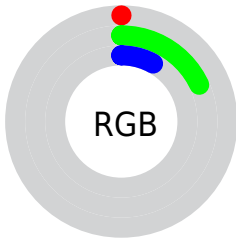
Format	Color
RYB	0, 32, 47
Decimal	12053
CIELab	15.94, -22.82, 12.47
CIElCh	16, 26.003, 151.334
Yxy	2.0872, 0.2685, 0.4864
Android (android.graphics.Color)	4278202133 (0xFF002F15)
YUV	29.9830, -4.4286, -26.2951
Hunter-Lab	14.4471, -11.0504, 5.7971

Details

The Decimal color **12053** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3080218**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **3235392**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **12053**, and if you desaturate by 10%, it is **339736**.

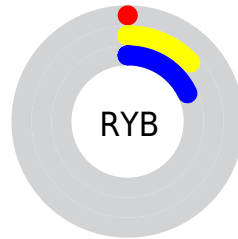
Distribution



Red (0%)

Green (18%)

Blue (8%)



Red (0%)

Yellow (13%)

Blue (18%)

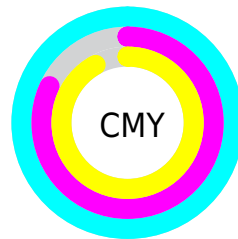


Cyan (100%)

Magenta (0%)

Yellow (55%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12053 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 12053 by changing the saturation by 10% instead.

 12053

 12053

 15400951

 7168

 3235392

 0

 4880215

 6459504

 8170377

 9881251

 11723711

 13500378

 12053

■ 339736

■ 601882

■ 929565

■ 1257247

■ 1584930

■ 1847077

■ 2174759

■ 2502442

■ 2764588

Harmonies

Analogous

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



1977345



12053



12328

Triad

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



12053



10829



4659478

Complementary

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



12053



3080218

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.



4724264



12053



2695751

Square

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



12053



11848



4069946



4136962

Rectangle

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



12053



12341



4069946



4790043

Sweetspot

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



12053



2833715



1781504



1318681



10395294



2039583

Same Dimension

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



12053



15643



12076



1382166



22311



54880

Inverse Universe

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



3080218



3997730



3080195



1512726



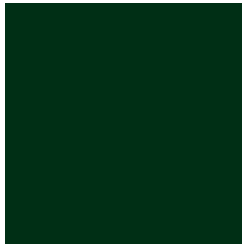
5701680



14024822

Previews

White Background



This preview shows how the Decimal color 12053 looks on a white background.

Color Contrast Check

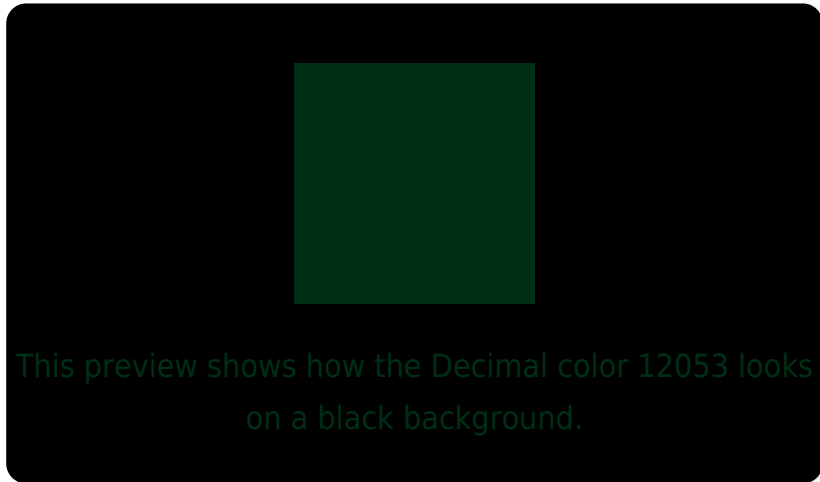
Large Text (above 18pt) WCAG AA ✓ Pass

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

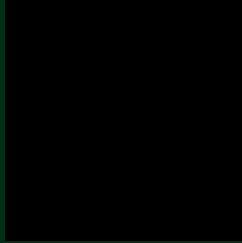
Any Text WCAG AA × Fail

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 12053 Background



This preview shows how black text looks on a background with the Decimal color 12053.



This preview shows how white text looks on a background with the Decimal color 12053.

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
12053

Protanopia
2959379

Deuteranopia
3221271



Tritanopia
1190960

Trichromacy



Original Color
12053

Protanomaly
1911572

Deuteranomaly
2042390

Tritanomaly
732454

Monochromacy



Original Color
12053

Achromatopsia
1973790

Achromatomaly
1254427

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12053 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 #002F15 looks like.

```
.text, #text, p{  
    color:#002F15  
}
```

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 #002F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F15
}
```

Border

The CSS property to change the border of an element to Decimal 12053 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
#002F15 }
```

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

```
.border{ border-color:#002F15 }
```

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

Here you see how a box with a 4 pixel #002F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F15; -webkit-box-shadow:4px 4px  
4px 4px #002F15; box-shadow:4px 4px 4px  
4px #002F15 }
```

Background

The CSS property to change the background color of an element to Decimal 12053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F15 }
```

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

```
.background{ background-color:#002F15 }
```

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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