

Converting Colors

Decimal(21042)

Have a look what the booklet for
Decimal(21042) contains.

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Color

Decimal(21042)

Conversions

Conversions Part 1

Format	Color
Hex	005232
RGB	0, 82, 50
RGB Percent	0%, 32%, 20%
CMY	1.0000, 0.6784, 0.8039
CMYK	1.00, 0.00, 0.39, 0.68
HSL	157°, 100%, 16%
HSV	157°, 100%, 32%
XYZ	3.5930, 6.2649, 4.0375
YIQ	53.8340, -38.6000, -27.3360

Conversions

Conversions Part 2

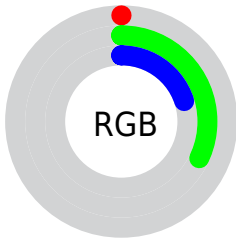
Format	Color
RYB	0, 51, 82
Decimal	21042
CIELab	30.07, -30.78, 12.74
CIELCh	30, 33.308, 157.512
Yxy	6.2649, 0.2586, 0.4509
Android (android.graphics.Color)	4278211122 (0xFF005232)
YUV	53.8340, -1.8902, -47.2124
Hunter-Lab	25.0297, -18.1784, 7.9569

Details

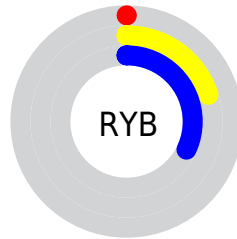
The Decimal color **21042** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5373984**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **4162656**, and **9476** is the 20% darker color. If you saturate the color by 10%, you get **21042**, and if you desaturate by 10%, it is **545333**.

Distribution



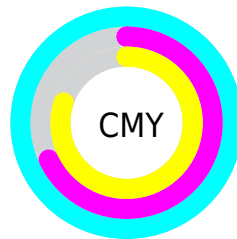
- Red (0%)
- Green (32%)
- Blue (20%)



- Red (0%)
- Yellow (20%)
- Blue (32%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21042 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 21042 by changing the saturation by 10% instead.

■ 21042 ■ 21042

16777215 ■ 14877

■ 4162656 ■ 9476

■ 5873529 ■ 0

■ 7584403

■ 9361070

■ 11203273

■ 13041637

■ 14942207

■ 21042

■ 545333

■ 1069624

■ 1659452

■ 2183743

■ 2708034

■ 3232325

■ 3756616

■ 4346444

■ 4870735

Harmonies

Analogous

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



3362331



21042



21325

Triad

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



21042



1984634



7549993

Complementary

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



21042



5373984

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.



7745345



21042



5324144

Square

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



21042



20342



7025499



6569494

Rectangle

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



21042



21342



7025499



7680560

Sweetspot

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



21042



4942687



2183680



2242094



11908533



3552822

Same Dimension

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



21042



27457



19026



2435367



26944



59533

Inverse Universe

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



5373984



7012394



5376000



2696486



6881321



15204443

Previews

White Background



This preview shows how the Decimal color 21042 looks on a white background.

Color Contrast Check

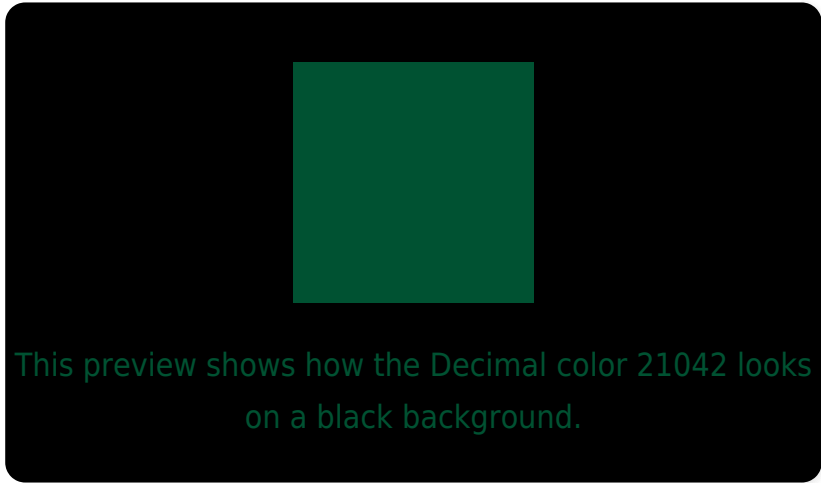
Large Text (above 18pt) WCAG AA ✓ Pass

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

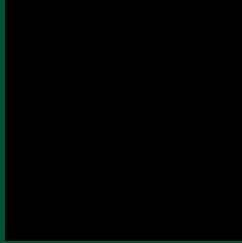
Any Text WCAG AA × Fail

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 21042 Background



This preview shows how black text looks on a background with the Decimal color 21042.



This preview shows how white text looks on a background with the Decimal color 21042.

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](#).

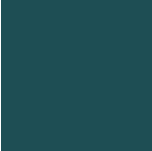
Dichromacy



Original Color
21042

Protanopia
5064494

Deuteranopia
5522485



Tritanopia
1986132

Trichromacy



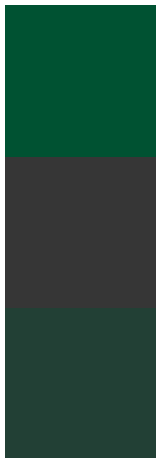
Original Color
21042

Protanomaly
3230511

Deuteranomaly
3492148

Tritanomaly
1265480

Monochromacy



Original Color
21042

Achromatopsia
3552822

Achromatomaly
2244661

CSS Examples

Text

The CSS property to change the color of the text to Decimal 21042 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 #005232 looks like.

```
.text, #text, p{  
    color:#005232  
}
```

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 #005232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005232
}
```

Border

The CSS property to change the border of an element to Decimal 21042 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
#005232 }
```

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

```
.border{ border-color:#005232 }
```

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

Here you see how a box with a 4 pixel #005232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005232; -webkit-box-shadow:4px 4px  
4px 4px #005232; box-shadow:4px 4px 4px  
4px #005232 }
```

Background

The CSS property to change the background color of an element to Decimal 21042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005232 }
```

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

```
.background{ background-color:#005232 }
```

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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