

Converting Colors

Decimal(5010228)

Have a look what the booklet for
Decimal(5010228) contains.

Decimal(5010228)	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(5010228)

Conversions

Conversions Part 1

Format	Color
Hex	4C7334
RGB	76, 115, 52
RGB Percent	30%, 45%, 20%
CMY	0.7020, 0.5490, 0.7961
CMYK	0.34, 0.00, 0.55, 0.55
HSL	97°, 38%, 33%
HSV	97°, 55%, 45%
XYZ	9.7311, 14.0459, 5.4471
YIQ	96.1570, -3.0210, -27.8610

Conversions

Conversions Part 2

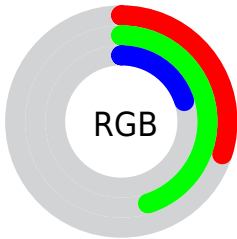
Format	Color
RYB	52, 115, 91
Decimal	5010228
CIELab	44.30, -26.00, 30.27
CIELCh	44, 39.903, 130.662
Yxy	14.0459, 0.3330, 0.4806
Android (android.graphics.Color)	4283200308 (0xFF4C7334)
YUV	96.1570, -21.7694, -17.6777
Hunter-Lab	37.4779, -19.2391, 17.6172

Details

The Decimal color **5010228** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5977203**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8365924**, and **1786373** is the 20% darker color. If you saturate the color by 10%, you get **4551464**, and if you desaturate by 10%, it is **5468991**.

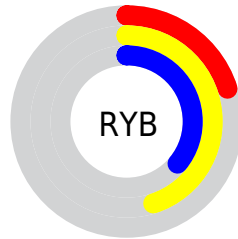
Distribution



Red (30%)

Green (45%)

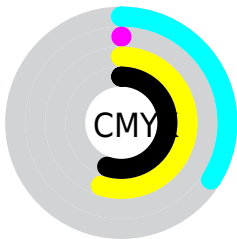
Blue (20%)



Red (20%)

Yellow (45%)

Blue (36%)

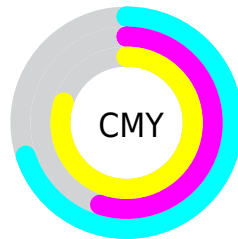


Cyan (34%)

Magenta (0%)

Yellow (55%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5010228 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 5010228 by changing the saturation by 10% instead.

■ 5010228

■ 5010228

16777215

■ 3365405

■ 8365924

■ 1786373

■ 10142590

■ 207872

■ 11919256

■ 6144

■ 13761459

■ 0

■ 15663055

■ 16777195

■ 5010228

■ 5010228

■ 4551464

■ 5468991

■ 4092701

■ 5927755

■ 3633937

■ 6386519

■ 3175174

■ 6845282

■ 2913024

■ 7369582

■ 7828345

■ 8287109

■ 8745872

■ 9204635

Harmonies

Analogous

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



7367459



5010228



882770

Triad

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



5010228



29351



10898526

Complementary

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



5010228



5977203

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.



10112895



5010228



4417706

Square

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



5010228



30867



8018843



10572607

Rectangle

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



5010228



31080



8018843



10767209

Sweetspot

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



5010228



8951422



7559988



4476222



13421772



5066061

Same Dimension

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



5010228



5871155



3437371



3619637



3111424



6289920

Inverse Universe

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



5977203



7418774



7550060



3683643



4980858



10158330

Previews

White Background



This preview shows how the Decimal color 5010228 looks on a white background.

Color Contrast Check

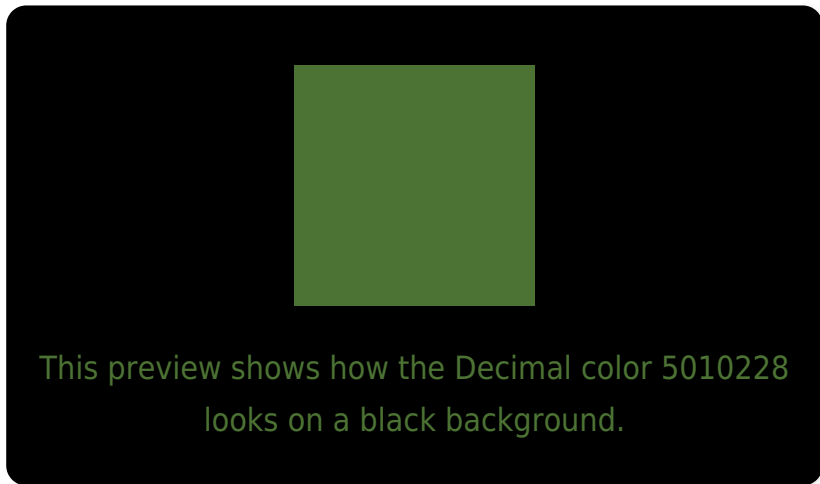
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

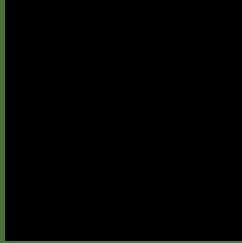
Any Text WCAG AA × Fail

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 5010228 Background



This preview shows how black text looks on a background with the Decimal color 5010228.



This preview shows how white text looks on a background with the Decimal color 5010228.

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
5010228

Protanopia
7629105

Deuteranopia
8414008



Tritanopia
5663861

Trichromacy



Original Color
5010228

Protanomaly
6647090

Deuteranomaly
7170359

Tritanomaly
5402461

Monochromacy



Original Color
5010228

Achromatopsia
6316128

Achromatomaly
5859152

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5010228 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 #4C7334 looks like.

```
.text, #text, p{  
    color:#4C7334  
}
```

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 #4C7334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7334
}
```

Border

The CSS property to change the border of an element to Decimal 5010228 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
#4C7334 }
```

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

```
.border{ border-color:#4C7334 }
```

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

Here you see how a box with a 4 pixel #4C7334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7334; -webkit-box-shadow:4px 4px  
4px 4px #4C7334; box-shadow:4px 4px 4px  
4px #4C7334 }
```

Background

The CSS property to change the background color of an element to Decimal 5010228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7334 }
```

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

```
.background{ background-color:#4C7334 }
```

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