

Converting Colors

Decimal(4224090)

Have a look what the booklet for
Decimal(4224090) contains.

Decimal(4224090)	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(4224090)

Conversions

Conversions Part 1

Format	Color
Hex	40745A
RGB	64, 116, 90
RGB Percent	25%, 45%, 35%
CMY	0.7490, 0.5451, 0.6471
CMYK	0.45, 0.00, 0.22, 0.55
HSL	150°, 29%, 35%
HSV	150°, 45%, 45%
XYZ	10.2052, 14.3190, 11.8988
YIQ	97.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

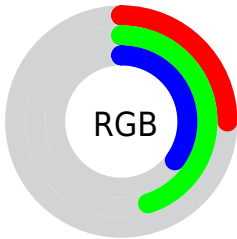
Format	Color
RYB	64, 99, 116
Decimal	4224090
CIELab	44.69, -23.94, 9.01
CIElCh	45, 25.576, 159.365
Yxy	14.3190, 0.2802, 0.3931
Android (android.graphics.Color)	4282414170 (0xFF40745A)
YUV	97.4880, -3.6916, -29.3690
Hunter-Lab	37.8404, -18.0809, 7.8447

Details

The Decimal color **4224090** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7618650**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **7579788**, and **803628** is the 20% darker color. If you saturate the color by 10%, you get **3437652**, and if you desaturate by 10%, it is **5010528**.

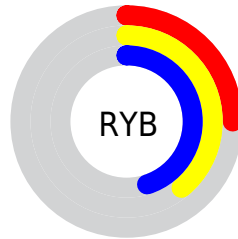
Distribution



Red (25%)

Green (45%)

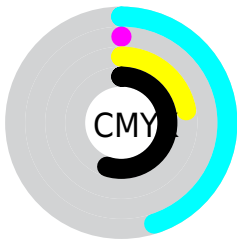
Blue (35%)



Red (25%)

Yellow (39%)

Blue (45%)

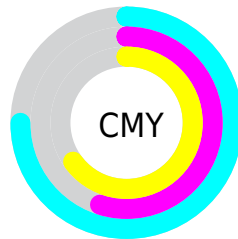


Cyan (45%)

Magenta (0%)

Yellow (22%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4224090 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 4224090 by changing the saturation by 10% instead.



4224090



4224090

16777215



2579267



7579788



803628



9290918



11544



11067586



6400



12910046



0



14745594

16646143



4224090



4224090



3437652



5010528

■ 2716750

■ 5731430

■ 1930313

■ 6517867

■ 1209411

■ 7238769

■ 422973

■ 8025207

■ 29754

■ 8811645

■ 9532547

■ 10318984

■ 11039886

Harmonies

Analogous

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



5926984



4224090



2389360

Triad

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



4224090



5663379



9526608

Complementary

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



4224090



7618650

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.



9656676



4224090



7692939

Square

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



4224090



3371153



9067385



8676162

Rectangle

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



4224090



1537406



9067385



9657174

Sweetspot

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



4224090



8623757



5928000



4214086



13421772



5066061

Same Dimension

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



4224090



4560494



4224116



3488568



31293



64125

Inverse Universe

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



7618650



9848174



7618624



3880248



7995453



16384125

Previews

White Background



This preview shows how the Decimal color 4224090 looks on a white background.

Color Contrast Check

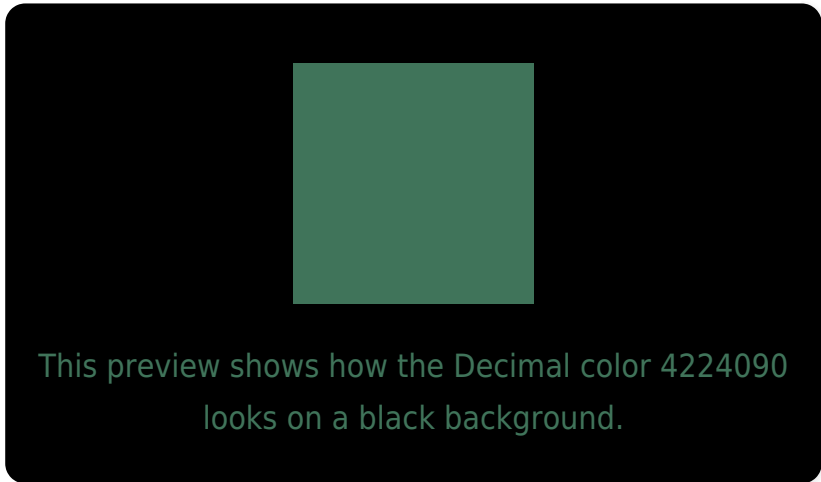
Large Text (above 18pt) WCAG AA ✓ Pass

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 4224090 Background



This preview shows how black text looks on a background with the Decimal color 4224090.

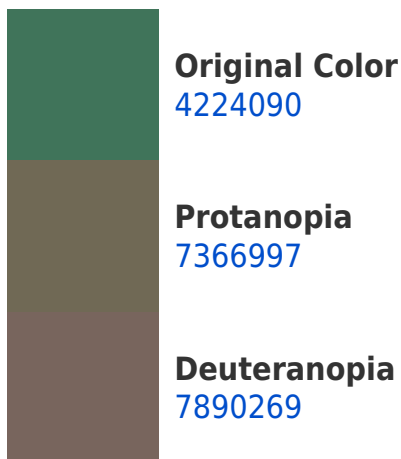


This preview shows how white text looks on a background with the Decimal color 4224090.

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



Trichromacy



Original Color
4224090

Protanomaly
6253911

Deuteranomaly
6580828

Tritanomaly
4551022

Monochromacy



Original Color
4224090

Achromatopsia
6381921

Achromatomaly
5597278

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4224090 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 #40745A looks like.

```
.text, #text, p{  
    color:#40745A  
}
```

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 #40745A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40745A
}
```

Border

The CSS property to change the border of an element to Decimal 4224090 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
#40745A }
```

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

```
.border{ border-color:#40745A }
```

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

Here you see how a box with a 4 pixel #40745A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40745A; -webkit-box-shadow:4px 4px  
4px 4px #40745A; box-shadow:4px 4px 4px  
4px #40745A }
```

Background

The CSS property to change the background color of an element to Decimal 4224090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40745A }
```

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

```
.background{ background-color:#40745A }
```

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