

Converting Colors

Decimal(6728570)

Have a look what the booklet for
Decimal(6728570) contains.

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Color

Decimal(6728570)

Conversions

Conversions Part 1

Format	Color
Hex	66AB7A
RGB	102, 171, 122
RGB Percent	40%, 67%, 48%
CMY	0.6000, 0.3294, 0.5216
CMYK	0.40, 0.00, 0.29, 0.33
HSL	137°, 29%, 54%
HSV	137°, 40%, 67%
XYZ	23.5553, 33.3557, 23.6092
YIQ	144.7830, -25.3950, -29.8670

Conversions

Conversions Part 2

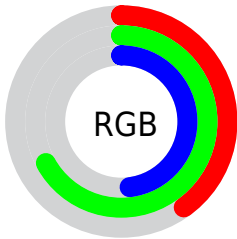
Format	Color
RYB	102, 155, 171
Decimal	6728570
CIELab	64.45, -32.69, 18.55
CIElCh	64, 37.589, 150.430
Yxy	33.3557, 0.2925, 0.4143
Android (android.graphics.Color)	4284918650 (0xFF66AB7A)
YUV	144.7830, -11.2320, -37.5207
Hunter-Lab	57.7544, -28.2687, 16.1912

Details

The Decimal color **6728570** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11232919**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **10281903**, and **3307081** is the 20% darker color. If you saturate the color by 10%, you get **5614446**, and if you desaturate by 10%, it is **7842694**.

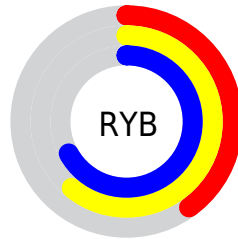
Distribution



Red (40%)

Green (67%)

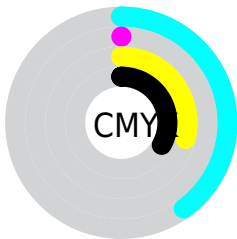
Blue (48%)



Red (40%)

Yellow (61%)

Blue (67%)

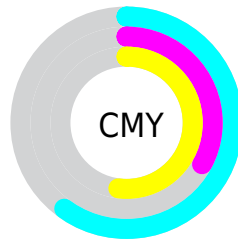


Cyan (40%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (60%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6728570 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 6728570 by changing the saturation by 10% instead.

■ 6728570

■ 6728570

16777215

■ 5017697

■ 10281903

■ 3307081

■ 12058570

■ 1334578

■ 13959142

■ 17692

■ 15859711

■ 11781

■ 6144

■ 0

■ 6728570

■ 6728570

■ 5614446

■ 7842694

■ 4500322

■ 8956818

■ 3386198

■ 10070942

■ 2272073

■ 11185067

■ 1157949

■ 12299191

■ 43826

■ 13478851

■ 14592975

■ 15707099

■ 16755687

Harmonies

Analogous

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



9413729



6728570



3387036

Triad

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



6728570



6987743



14452092

Complementary

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



6728570



11232919

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.



14385821



6728570



10523606

Square

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



6728570



2336982



13076670



13471587

Rectangle

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



6728570



44723



13076670



14517127

Sweetspot

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



6728570



12836555



9939814



6320229



15790320



7368816

Same Dimension

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



6728570



7593618



6728604



5134161



38444



5895

Inverse Universe

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



11232919



14578623



11232885



5721684



9830507



1507344

Previews

White Background



This preview shows how the Decimal color 6728570 looks on a white background.

Color Contrast Check

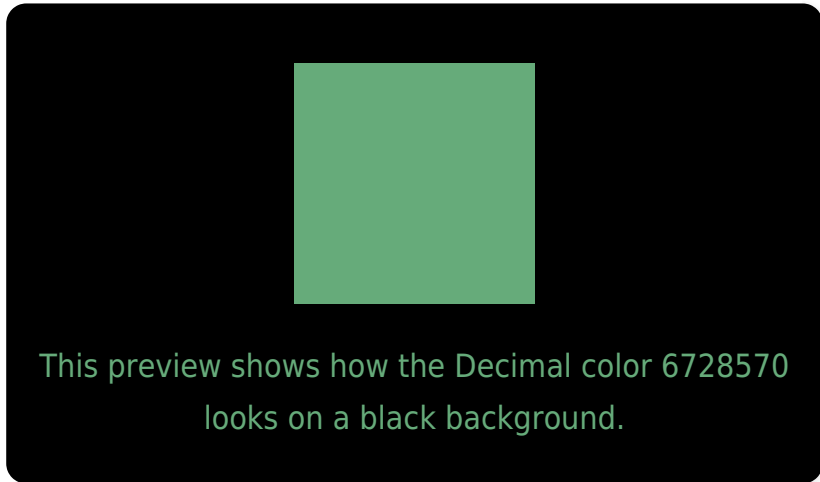
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

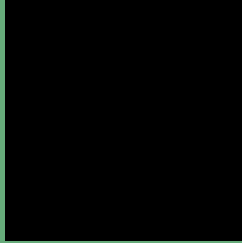
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6728570 Background



This preview shows how black text looks on a background with the Decimal color 6728570.

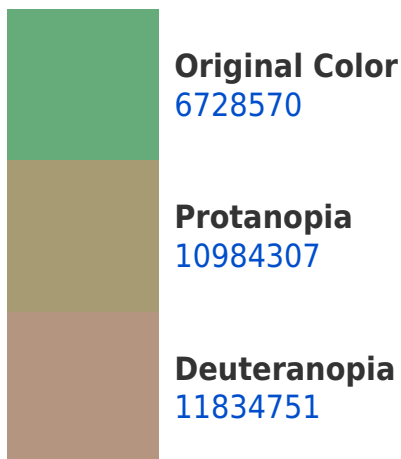



This preview shows how white text looks on a background with the Decimal color 6728570.

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





Tritanopia
7513265

Trichromacy



Original Color
6728570

Protanomaly
9412982

Deuteranomaly
10001789

Tritanomaly
7251869

Monochromacy



Original Color
6728570

Achromatopsia
9539985

Achromatomaly
8493705

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6728570 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 #66AB7A looks like.

```
.text, #text, p{  
    color:#66AB7A  
}
```

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 #66AB7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66AB7A
}
```

Border

The CSS property to change the border of an element to Decimal 6728570 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
#66AB7A }
```

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

```
.border{ border-color:#66AB7A }
```

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

Here you see how a box with a 4 pixel #66AB7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66AB7A; -webkit-box-shadow:4px 4px  
4px 4px #66AB7A; box-shadow:4px 4px 4px  
4px #66AB7A }
```

Background

The CSS property to change the background color of an element to Decimal 6728570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66AB7A }
```

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

```
.background{ background-color:#66AB7A }
```

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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