

Converting Colors

Decimal(6523747)

Have a look what the booklet for
Decimal(6523747) contains.

Decimal(6523747)	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(6523747)

Conversions

Conversions Part 1

Format	Color
Hex	638B63
RGB	99, 139, 99
RGB Percent	39%, 55%, 39%
CMY	0.6118, 0.4549, 0.6118
CMYK	0.29, 0.00, 0.29, 0.45
HSL	120°, 17%, 47%
HSV	120°, 29%, 55%
XYZ	16.6303, 22.0187, 15.1779
YIQ	122.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

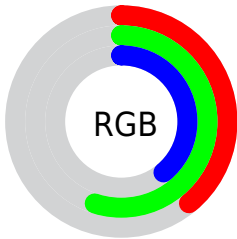
Format	Color
R_{YB}	99, 139, 139
Decimal	6523747
CIE _{Lab}	54.05, -22.27, 17.07
CIE _{LCh}	54, 28.060, 142.530
Yxy	22.0187, 0.3090, 0.4091
Android (android.graphics.Color)	4284713827 (0xFF638B63)
YUV	122.4800, -11.5756, -20.5920
Hunter-Lab	46.9241, -18.8552, 13.6692

Details

The Decimal color **6523747** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9134987**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **9945494**, and **3299636** is the 20% darker color. If you saturate the color by 10%, you get **5606229**, and if you desaturate by 10%, it is **7441265**.

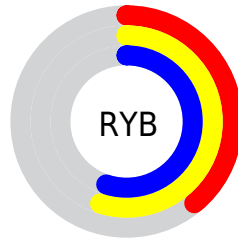
Distribution



Red (39%)

Green (55%)

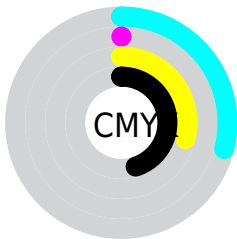
Blue (39%)



Red (39%)

Yellow (55%)

Blue (55%)

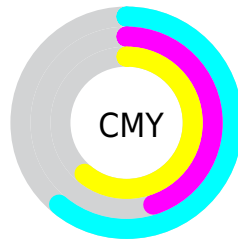


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6523747 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 6523747 by changing the saturation by 10% instead.



6523747



6523747

16777215



4878667



9945494



3299636



11722161



1786142



13564364



273159



15400936



5888



0



6523747



6523747



5606229



7441265



4688711



8358783

■ 3771193

■ 9276301

■ 2853675

■ 10193819

■ 2001694

■ 11111337

■ 1084176

■ 11963318

■ 166658

■ 12880836

■ 35584

■ 13798354

■ 14715872

Harmonies

Analogous

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



8357204



6523747



4558458

Triad

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



6523747



5670321



11628656

Complementary

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



6523747



9134987

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.



11300744



6523747



8158638

Square

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



6523747



3312551



10122655



11105628

Rectangle

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



6523747



3378827



10122655



11628408

Sweetspot

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



6523747



10859941



9145187



5397586



14408667



6052956

Same Dimension

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



6523747



7779702



6523767



4080958



34048



1280

Inverse Universe

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



9134987



11892405



9134967



4537925



8716421



327685

Previews

White Background



This preview shows how the Decimal color 6523747 looks on a white background.

Color Contrast Check

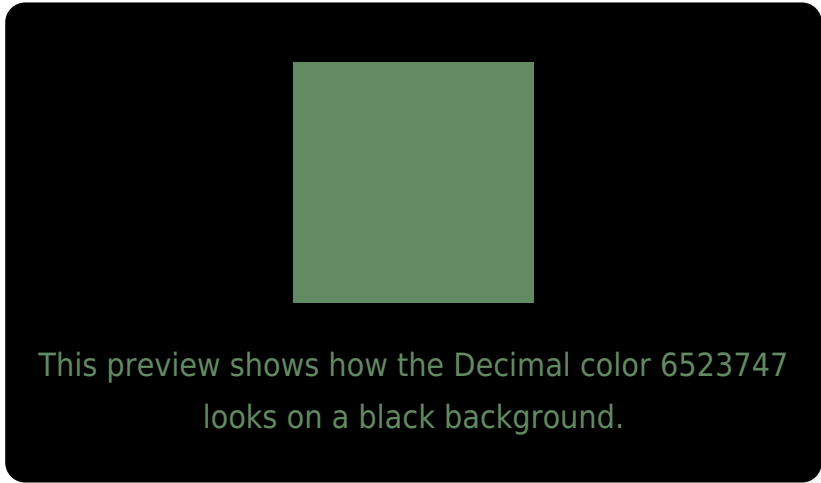
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

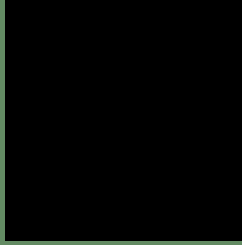
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 6523747 Background



This preview shows how black text looks on a background with the Decimal color 6523747.



This preview shows how white text looks on a background with the Decimal color 6523747.

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
6523747

Protanopia
9077086

Deuteranopia
9862246

Trichromacy



Original Color
6523747

Protanomaly
8160608

Deuteranomaly
8618341

Tritanomaly
6850432

Monochromacy



Original Color
6523747

Achromatopsia
8026746

Achromatomaly
7503986

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6523747 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 #638B63 looks like.

```
.text, #text, p{  
  color:#638B63  
}
```

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 #638B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638B63  
}
```

Border

The CSS property to change the border of an element to Decimal 6523747 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  
#638B63 }
```

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

```
.border{ border-color:#638B63 }
```

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

Here you see how a box with a 4 pixel #638B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638B63; -webkit-box-shadow:4px 4px  
4px 4px #638B63; box-shadow:4px 4px 4px  
4px #638B63 }
```

Background

The CSS property to change the background color of an element to Decimal 6523747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638B63 }
```

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

```
.background{ background-color:#638B63 }
```

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