

Converting Colors

Decimal(6706513)

Have a look what the booklet for
Decimal(6706513) contains.

Decimal(6706513)	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(6706513)

Conversions

Conversions Part 1

Format	Color
Hex	665551
RGB	102, 85, 81
RGB Percent	40%, 33%, 32%
CMY	0.6000, 0.6667, 0.6824
CMYK	0.00, 0.17, 0.21, 0.60
HSL	11°, 11%, 36%
HSV	11°, 21%, 40%
XYZ	10.2132, 9.9159, 9.1602
YIQ	89.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

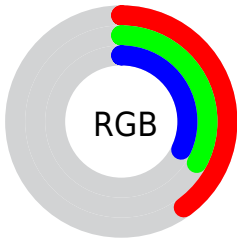
Format	Color
R_{YB}	102, 86, 81
Decimal	6706513
CIE _{Lab}	37.69, 6.28, 4.94
CIE _{LCh}	38, 7.989, 38.156
Yxy	9.9159, 0.3487, 0.3385
Android (android.graphics.Color)	4284896593 (0xFF665551)
YUV	89.6270, -4.2531, 10.8511
Hunter-Lab	31.4895, 2.7876, 4.7952

Details

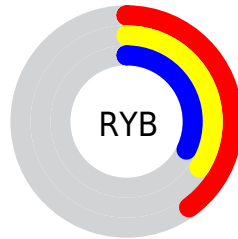
The Decimal color **6706513** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5333606**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **10061698**, and **3614757** is the 20% darker color. If you saturate the color by 10%, you get **6704455**, and if you desaturate by 10%, it is **6708571**.

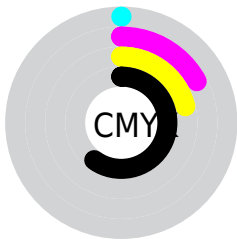
Distribution



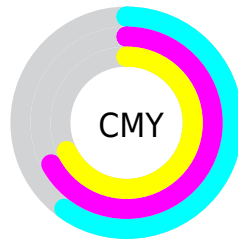
- Red (40%)
- Green (33%)
- Blue (32%)



- Red (40%)
- Yellow (34%)
- Blue (32%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6706513 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 6706513 by changing the saturation by 10% instead.

■ 6706513

■ 6706513

16777215

■ 5127738

■ 10061698

■ 3614757

■ 11837852

■ 2167823

■ 13679799

■ 0

■ 15522003

■ 16774383

■ 6706513

■ 6706513

■ 6704455

■ 6708571

■ 6702141

■ 6710885

6700082

6712944

6698024

6715002

6695966

6717060

6693652

6719374

6691594

6721432

6689536

6723491

6725549

Harmonies

Analogous

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



6706263



6706513



6444877

Triad

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



6706513



5135444



5527909

Complementary

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



6706513



5333606

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.



5069668



6706513



4808026

Square

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



6706513



5593934



4807776



6051427

Rectangle

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



6706513



6182988



4807776



5331301

Sweetspot

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



6706513



8748669



6705506



4341566



12763842



4342338

Same Dimension

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



6706513



8743523



6709073



3354414



7542272



15871488

Inverse Universe

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



5333606



6520453



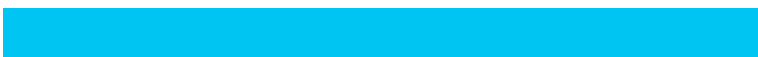
5331046



3027507



23923



50418

Previews

White Background



This preview shows how the Decimal color 6706513 looks on a white background.

Color Contrast Check

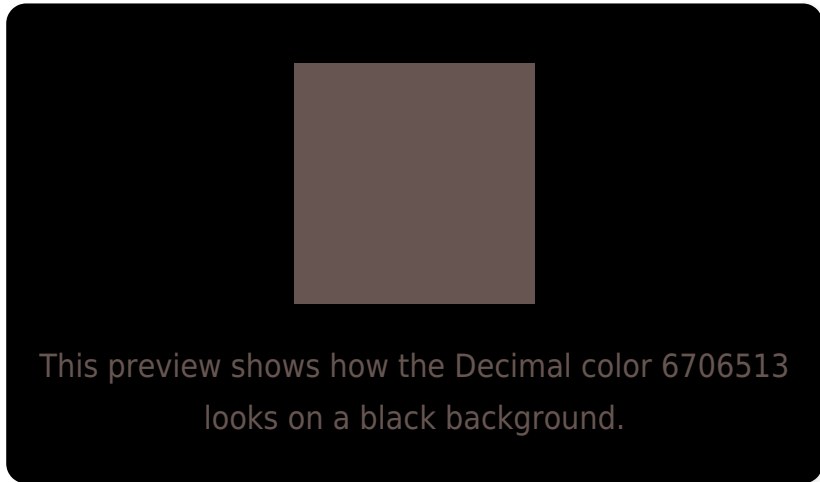
Large Text (above 18pt) WCAG AA ✓ Pass

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

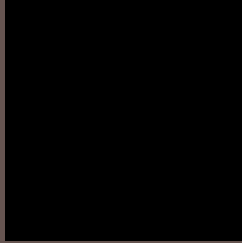
Any Text WCAG AA × Fail

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 6706513 Background



This preview shows how black text looks on a background with the Decimal color 6706513.



This preview shows how white text looks on a background with the Decimal color 6706513.

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
6706513

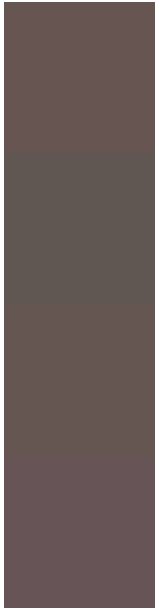
Protanopia
6051923

Deuteranopia
6575697



Tritanopia
6771802

Trichromacy



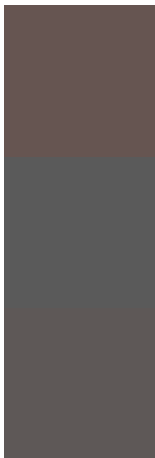
Original Color
6706513

Protanomaly
6313810

Deuteranomaly
6641233

Tritanomaly
6771799

Monochromacy



Original Color
6706513

Achromatopsia
5921370

Achromatomaly
6182999

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6706513 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 #665551 looks like.

```
.text, #text, p{  
    color:#665551  
}
```

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 #665551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665551
}
```

Border

The CSS property to change the border of an element to Decimal 6706513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

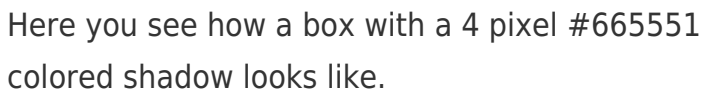
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665551 }
```

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

```
.border{ border-color:#665551 }
```

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



Here you see how a box with a 4 pixel #665551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665551; -webkit-box-shadow:4px 4px  
4px 4px #665551; box-shadow:4px 4px 4px  
4px #665551 }
```

Background

The CSS property to change the background color of an element to Decimal 6706513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665551 }
```

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

```
.background{ background-color:#665551 }
```

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