

Converting Colors

Decimal(6055736)

Have a look what the booklet for
Decimal(6055736) contains.

Decimal(6055736)	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(6055736)

Conversions

Conversions Part 1

Format	Color
Hex	5C6738
RGB	92, 103, 56
RGB Percent	36%, 40%, 22%
CMY	0.6392, 0.5961, 0.7804
CMYK	0.11, 0.00, 0.46, 0.60
HSL	74°, 30%, 31%
HSV	74°, 46%, 40%
XYZ	9.9777, 12.2613, 5.5822
YIQ	94.3530, 8.5310, -16.9490

Conversions

Conversions Part 2

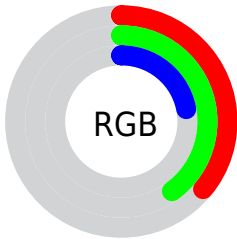
Format	Color
RYB	56, 103, 67
Decimal	6055736
CIELab	41.63, -12.53, 25.06
CIELCh	42, 28.020, 116.567
Yxy	12.2613, 0.3586, 0.4407
Android (android.graphics.Color)	4284245816 (0xFF5C6738)
YUV	94.3530, -18.9080, -2.0636
Hunter-Lab	35.0162, -10.4156, 15.0595

Details

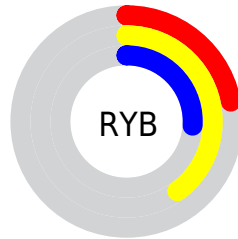
The Decimal color **6055736** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4405351**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **9411176**, and **2963467** is the 20% darker color. If you saturate the color by 10%, you get **5924654**, and if you desaturate by 10%, it is **6186818**.

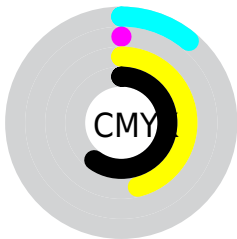
Distribution



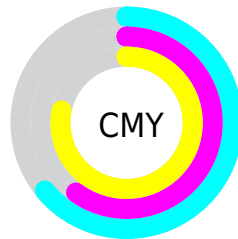
- Red (36%)
- Green (40%)
- Blue (22%)



- Red (22%)
- Yellow (40%)
- Blue (26%)



- Cyan (11%)
- Magenta (0%)
- Yellow (46%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6055736 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 6055736 by changing the saturation by 10% instead.

■ 6055736

■ 6055736

16777215

■ 4476706

■ 9411176

■ 2963467

■ 11187585

■ 1581824

■ 12963996

■ 2816

■ 14871991

■ 0

■ 16711634

■ 16777199

■ 6055736

■ 6055736

■ 5924654

■ 6186818

■ 5728035

■ 6383437

■ 5596953

■ 6514519

■ 5400335

■ 6711137

■ 5269252

■ 6842220

■ 5203712

■ 6973302

■ 7169920

■ 7301002

■ 7497621

Harmonies

Analogous

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



7561268



6055736



4287560

Triad

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



6055736



27528



9195622

Complementary

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



6055736



4405351

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.



8213884



6055736



3761552

Square

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



6055736



28278



6380939



9326927

Rectangle

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



6055736



2846295



6380939



8933742

Sweetspot

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



6055736



8619892



6767416



4343097



12895428



4539717

Same Dimension

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



6055736



7767869



4548408



3289902



5796608



12251648

Inverse Universe

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



4405351



5127559



5912679



3092019



1769587



3735794

Previews

White Background



This preview shows how the Decimal color 6055736 looks on a white background.

Color Contrast Check

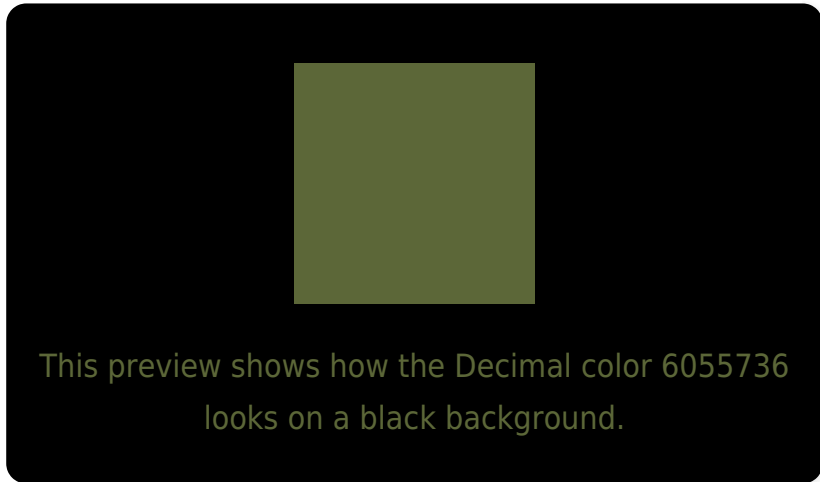
Large Text (above 18pt) WCAG AA ✓ Pass

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

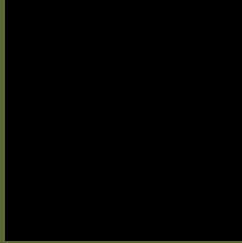
Any Text WCAG AA × Fail

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 6055736 Background



This preview shows how black text looks on a background with the Decimal color 6055736.



This preview shows how white text looks on a background with the Decimal color 6055736.

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
6055736

Protanopia
7103030

Deuteranopia
7822906



Tritanopia
6447465

Trichromacy



Original Color
6055736

Protanomaly
6710327

Deuteranomaly
7168313

Tritanomaly
6316887

Monochromacy



Original Color
6055736

Achromatopsia
6184542

Achromatomaly
6119760

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6055736 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 #5C6738 looks like.

```
.text, #text, p{  
    color:#5C6738  
}
```

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 #5C6738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6738
}
```

Border

The CSS property to change the border of an element to Decimal 6055736 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
#5C6738 }
```

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

```
.border{ border-color:#5C6738 }
```

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

Here you see how a box with a 4 pixel #5C6738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6738; -webkit-box-shadow:4px 4px  
4px 4px #5C6738; box-shadow:4px 4px 4px  
4px #5C6738 }
```

Background

The CSS property to change the background color of an element to Decimal 6055736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6738 }
```

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

```
.background{ background-color:#5C6738 }
```

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