

Converting Colors

Decimal(5730152)

Have a look what the booklet for
Decimal(5730152) contains.

Decimal(5730152)	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(5730152)

Conversions

Conversions Part 1

Format	Color
Hex	576F68
RGB	87, 111, 104
RGB Percent	34%, 44%, 41%
CMY	0.6588, 0.5647, 0.5922
CMYK	0.22, 0.00, 0.06, 0.56
HSL	162°, 12%, 39%
HSV	162°, 22%, 44%
XYZ	12.1136, 14.3946, 15.2367
YIQ	103.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

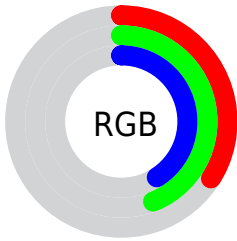
Format	Color
R_{YB}	87, 101, 111
Decimal	5730152
CIE _{Lab}	44.79, -10.42, 0.98
CIE _{LCh}	45, 10.466, 174.614
Yxy	14.3946, 0.2902, 0.3448
Android (android.graphics.Color)	4283920232 (0xFF576F68)
YUV	103.0260, 0.4802, -14.0548
Hunter-Lab	37.9402, -9.4036, 2.7474

Details

The Decimal color **5730152** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7296862**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9020315**, and **2703161** is the 20% darker color. If you saturate the color by 10%, you get **5009253**, and if you desaturate by 10%, it is **6451051**.

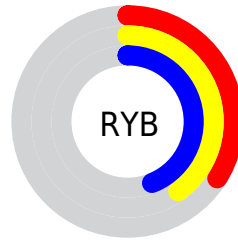
Distribution



Red (34%)

Green (44%)

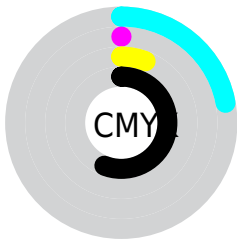
Blue (41%)



Red (34%)

Yellow (40%)

Blue (44%)

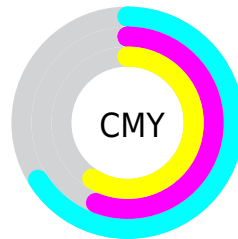


Cyan (22%)

Magenta (0%)

Yellow (6%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5730152 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 5730152 by changing the saturation by 10% instead.



5730152



5730152

16777215



4151120



9020315



2703161



10796726



1255716



12573393



5390



14415598



0



16252927



5730152



5730152



5009253



6451051



4288354



7171950

■ 3567454

■ 7892850

■ 2846555

■ 8613749

■ 2125656

■ 9400184

■ 1339221

■ 10121083

■ 618321

■ 10841983

■ 28495

■ 11562882

■ 12283781

Harmonies

Analogous

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



6254176



5730152



5468017

Triad

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



5730152



6973562



8021596

Complementary

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



5730152



7296862

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.



8217699



5730152



7628404

Square

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



5730152



6253435



8086636



7563609

Rectangle

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



5730152



5533302



8086636



8086878

Sweetspot

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



5730152



9015695



6188887



4541000



13224393



4868682

Same Dimension

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



5730152



7115142



5728879



3291190



30805



63407

Inverse Universe

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



7296862



9530487



7298135



3682868



7864355



16187464

Previews

White Background



This preview shows how the Decimal color 5730152 looks on a white background.

Color Contrast Check

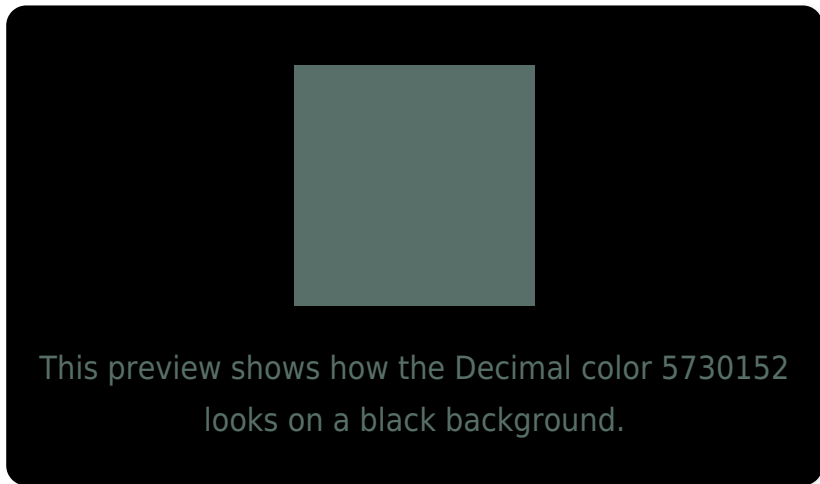
Large Text (above 18pt) WCAG AA ✓ Pass

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

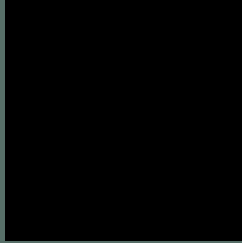
Any Text WCAG AA × Fail

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 5730152 Background



This preview shows how black text looks on a background with the Decimal color 5730152.



This preview shows how white text looks on a background with the Decimal color 5730152.

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](#).

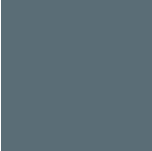
Dichromacy



Original Color
5730152

Protanopia
7170405

Deuteranopia
7628394



Tritanopia
5926262

Trichromacy



Original Color

5730152

Protanomaly

6646630

Deuteranomaly

6908265

Tritanomaly

5860977

Monochromacy



Original Color

5730152

Achromatopsia

6776679

Achromatomaly

6384231

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5730152 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 #576F68 looks like.

```
.text, #text, p{  
    color:#576F68  
}
```

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 #576F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576F68
}
```

Border

The CSS property to change the border of an element to Decimal 5730152 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
#576F68 }
```

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

```
.border{ border-color:#576F68 }
```

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

Here you see how a box with a 4 pixel #576F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576F68; -webkit-box-shadow:4px 4px  
4px 4px #576F68; box-shadow:4px 4px 4px  
4px #576F68 }
```

Background

The CSS property to change the background color of an element to Decimal 5730152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576F68 }
```

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

```
.background{ background-color:#576F68 }
```

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