

Converting Colors

Decimal(6136432)

Have a look what the booklet for
Decimal(6136432) contains.

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Color

Decimal(6136432)

Conversions

Conversions Part 1

Format	Color
Hex	5DA270
RGB	93, 162, 112
RGB Percent	36%, 64%, 44%
CMY	0.6353, 0.3647, 0.5608
CMYK	0.43, 0.00, 0.31, 0.36
HSL	137°, 27%, 50%
HSV	137°, 43%, 64%
XYZ	20.3592, 29.3377, 19.9189
YIQ	135.6690, -25.0740, -30.1780

Conversions

Conversions Part 2

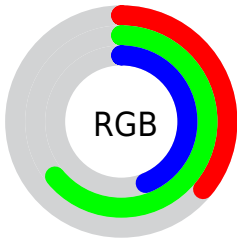
Format	Color
RYB	93, 147, 162
Decimal	6136432
CIELab	61.08, -33.07, 19.36
CIElCh	61, 38.319, 149.656
Yxy	29.3377, 0.2925, 0.4214
Android (android.graphics.Color)	4284326512 (0xFF5DA270)
YUV	135.6690, -11.6688, -37.4207
Hunter-Lab	54.1643, -27.6932, 16.1111

Details

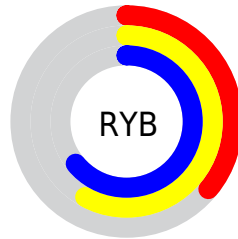
The Decimal color **6136432** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10640783**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **9623972**, and **2649664** is the 20% darker color. If you saturate the color by 10%, you get **5087844**, and if you desaturate by 10%, it is **7185020**.

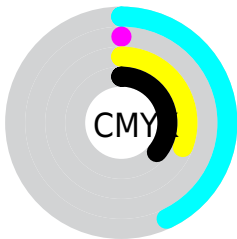
Distribution



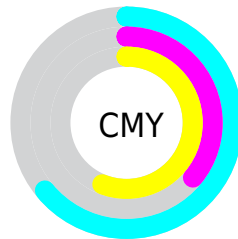
- Red (36%)
- Green (64%)
- Blue (44%)



- Red (36%)
- Yellow (58%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6136432 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 6136432 by changing the saturation by 10% instead.



6136432



6136432

16777215



4425559



9623972



2649664



11466431



415017



13303771



15636



15204344



9984



1792



0



6136432



6136432



5087844



7185020

■ 4039257

■ 8233607

■ 2925133

■ 9347731

■ 1876545

■ 10396319

■ 827957

■ 11444907

■ 41517

■ 12493494

■ 13542082

■ 14656206

■ 15704794

Harmonies

Analogous

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



8821591



6136432



2270610

Triad

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



6136432



6133719



13859700

Complementary

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



6136432



10640783

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.



13793429



6136432



9866190

Square

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



6136432



41165



12418998



12879194

Rectangle

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



6136432



42409



12418998



13990270

Sweetspot

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



6136432



12113088



9478749



5925727



15461355



7039851

Same Dimension

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



6136432



6870149



6136466



4805196



37160



4613

Inverse Universe

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



10640783



13920438



10640749



5392719



9502825



1179661

Previews

White Background



This preview shows how the Decimal color 6136432 looks on a white background.

Color Contrast Check

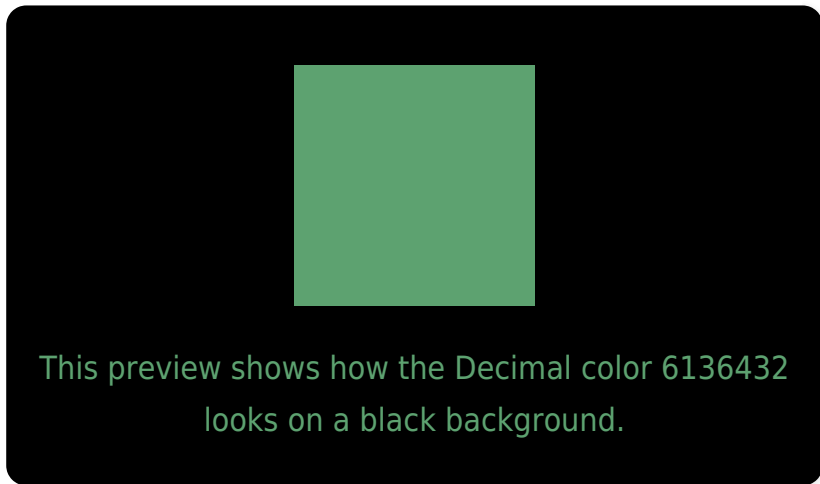
Large Text (above 18pt) WCAG AA ✓ Pass

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 6136432 Background



This preview shows how black text looks on a background with the Decimal color 6136432.



This preview shows how white text looks on a background with the Decimal color 6136432.

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
6921127

Trichromacy



Original Color
6136432

Protanomaly
8820844

Deuteranomaly
9409907

Tritanomaly
6659731

Monochromacy



Original Color
6136432

Achromatopsia
8947848

Achromatomaly
7901567

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6136432 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 #5DA270 looks like.

```
.text, #text, p{  
    color:#5DA270  
}
```

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 #5DA270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA270
}
```

Border

The CSS property to change the border of an element to Decimal 6136432 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
#5DA270 }
```

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

```
.border{ border-color:#5DA270 }
```

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

Here you see how a box with a 4 pixel #5DA270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA270; -webkit-box-shadow:4px 4px  
4px 4px #5DA270; box-shadow:4px 4px 4px  
4px #5DA270 }
```

Background

The CSS property to change the background color of an element to Decimal 6136432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA270 }
```

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

```
.background{ background-color:#5DA270 }
```

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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