

Converting Colors

Decimal(6125013)

Have a look what the booklet for
Decimal(6125013) contains.

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Color

Decimal(6125013)

Conversions

Conversions Part 1	
Format	Color
Hex	5D75D5
RGB	93, 117, 213
RGB Percent	36%, 46%, 84%
CMY	0.6353, 0.5412, 0.1647
CMYK	0.56, 0.45, 0.00, 0.16
HSL	228°, 59%, 60%
HSV	228°, 56%, 84%
XYZ	22.8857, 19.8538, 65.5768
YIQ	120.7680, -45.1200, 24.7680

Conversions

Conversions Part 2

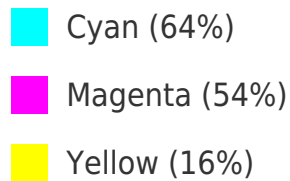
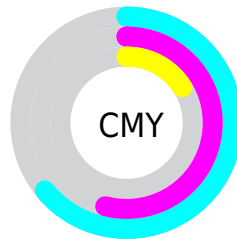
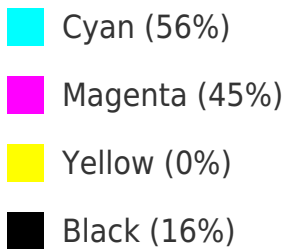
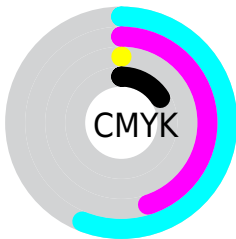
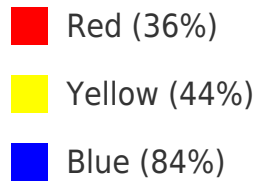
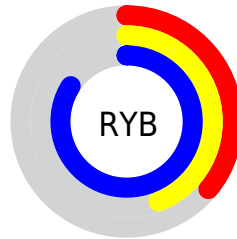
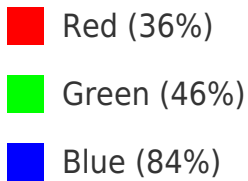
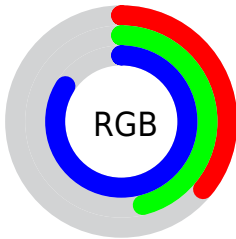
Format	Color
RYB	93, 113, 213
Decimal	6125013
CIELab	51.67, 19.37, -52.22
CIELCh	52, 55.701, 290.353
Yxy	19.8538, 0.2113, 0.1833
Android (android.graphics.Color)	4284315093 (0xFF5D75D5)
YUV	120.7680, 45.4704, -24.3525
Hunter-Lab	44.5576, 13.7055, -56.0684

Details

The Decimal color **6125013** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **14007645**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **9939455**, and **1525150** is the 20% darker color. If you saturate the color by 10%, you get **4744405**, and if you desaturate by 10%, it is **7505621**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 6125013 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 6125013 by changing the saturation by 10% instead.

 6125013

16777215

 9939455

 11846911

 13820159

 15727871

 6125013

 4087225

 1525150

 12419

 7273

 337

 1337

 546

 8

 0

 6125013

 6125013

 4744405

 7505621

 3298261

 8951765


 1917653

 10332373

 537045

 11712981

 11221

 13159125

 14539733

 15920341

 16776661

 16777173

Harmonies

Analogous

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



34265



6125013



10838201

Triad

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



6125013



12673074



37226

Complementary

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



6125013



14007645

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.



3640378



6125013



10515215

Square

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



6125013



13717341



7635731



37531

Rectangle

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



6125013



12669852



7635731



36953

Sweetspot

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



6125013



13950207



6149565



6712192



0



8421504

Same Dimension

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



6125013



5403903



8478165



6316907



8875



2347

Inverse Universe

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



13983093



16732788



11654493



7037027



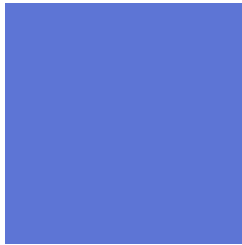
11206690



2818057

Previews

White Background



This preview shows how the Decimal color 6125013 looks on a white background.

Color Contrast Check

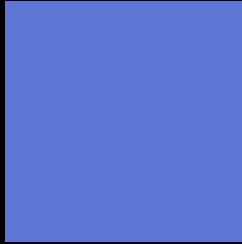
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 6125013
looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

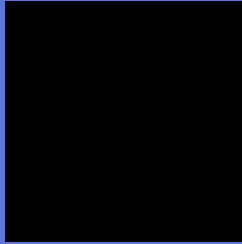
Any Text WCAG AA ✓ Pass

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 6125013 Background



This preview shows how black text looks on a background with the Decimal color 6125013.



This preview shows how white text looks on a background with the Decimal color 6125013.

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](#).

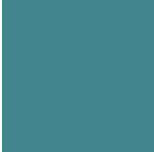
Dichromacy



Original Color
6125013

Protanopia
5208279

Deuteranopia
3570899



Tritanopia
4359567

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6125013 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 #5D75D5 looks like.

```
.text, #text, p{  
    color:#5D75D5  
}
```

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 #5D75D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D75D5
}
```

Border

The CSS property to change the border of an element to Decimal 6125013 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
#5D75D5 }
```

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

```
.border{ border-color:#5D75D5 }
```

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

Here you see how a box with a 4 pixel #5D75D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D75D5; -webkit-box-shadow:4px 4px  
4px 4px #5D75D5; box-shadow:4px 4px 4px  
4px #5D75D5 }
```

Background

The CSS property to change the background color of an element to Decimal 6125013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D75D5 }
```

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

```
.background{ background-color:#5D75D5 }
```

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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