

Converting Colors

RGB(162, 53, 105)

Have a look what the booklet for
RGB(162, 53, 105) contains.

RGB(162, 53, 105)	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

RGB(162, 53, 105)

Conversions

Conversions Part 1

Format	Color
Hex	A23569
RGB	162, 53, 105
RGB Percent	64%, 21%, 41%
CMY	0.3647, 0.7922, 0.5882
CMYK	0.00, 0.67, 0.35, 0.36
HSL	331°, 51%, 42%
HSV	331°, 67%, 64%
XYZ	18.7232, 11.2475, 14.5488
YIQ	91.5190, 48.2720, 39.2800

Conversions

Conversions Part 2

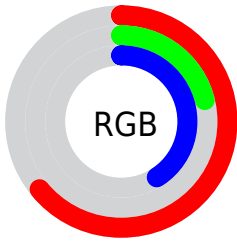
Format	Color
R_{YB}	162, 53, 105
Decimal	10630505
CIE _{Lab}	39.99, 49.57, -5.71
CIE _{LCh}	40, 49.900, 353.434
Yxy	11.2475, 0.4206, 0.2526
Android (android.graphics.Color)	4288820585 (0xFFA23569)
YUV	91.5190, 6.6461, 61.8118
Hunter-Lab	33.5373, 40.9626, -2.2444

Details

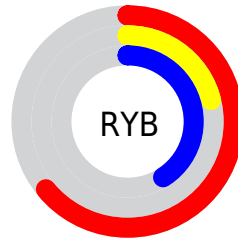
The RGB color **162, 53, 105** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **53, 162, 110**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **220, 107, 156**, and **106, 0, 58** is the 20% darker color. If you saturate the color by 10%, you get **162, 37, 97**, and if you desaturate by 10%, it is **162, 69, 113**.

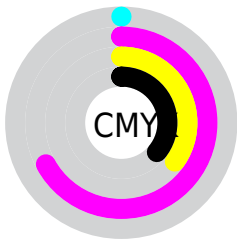
Distribution



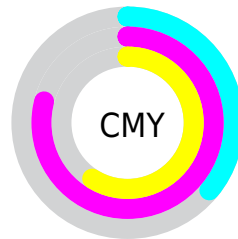
- Red (64%)
- Green (21%)
- Blue (41%)



- Red (64%)
- Yellow (21%)
- Blue (41%)



- Cyan (0%)
- Magenta (67%)
- Yellow (35%)
- Black (36%)





- Cyan (36%)
- Magenta (79%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 53, 105 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 RGB color 162, 53, 105 by changing the saturation by 10% instead.

 162, 53, 105


 162, 53, 105

255, 255, 255

 134, 22, 81

 220, 107, 156

 106, 0, 58

 250, 134, 183

 79, 0, 36

 255, 161, 211

 56, 0, 15

 255, 189, 239

 16, 0, 0

 255, 218, 255

 0, 0, 0

 255, 247, 255

 162, 53, 105

 162, 53, 105

 162, 37, 97

 162, 69, 113

■ 162, 21, 88

■ 162, 85, 122

■ 162, 4, 80

■ 162, 102, 130

■ 162, 0, 77

■ 162, 118, 139

■ 162, 134, 147

■ 162, 150, 156

■ 162, 166, 164

■ 162, 183, 173

■ 162, 199, 181

Harmonies

Analogous

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



134, 68, 143



162, 53, 105



166, 56, 64

Triad

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



162, 53, 105



83, 102, 2



0, 110, 159

Complementary

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



162, 53, 105



53, 162, 110

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.



0, 113, 126



162, 53, 105



22, 109, 42

Square

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



162, 53, 105



121, 89, 0



0, 112, 84



0, 102, 175

Rectangle

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



162, 53, 105



157, 66, 40



0, 112, 84



0, 111, 150

Sweetspot

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



162, 53, 105



212, 169, 190



109, 53, 162



107, 81, 94



235, 235, 235



107, 107, 107

Same Dimension

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



162, 53, 105



212, 40, 122



162, 55, 53



82, 73, 77



145, 0, 69



18, 0, 9

Inverse Universe

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



162, 53, 105



212, 40, 122



53, 160, 162



82, 73, 77



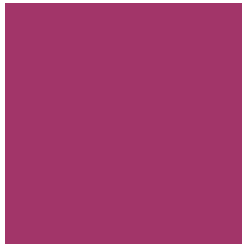
145, 0, 69



18, 0, 9

Previews

White Background



This preview shows how the RGB color 162, 53, 105 looks on a white background.

Color Contrast Check

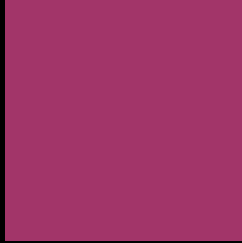
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 162, 53, 105 looks on a 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](#).

RGB 162, 53, 105 Background



This preview shows how black text looks on a background with the RGB color 162, 53, 105.



This preview shows how white text looks on a background with the RGB color 162, 53, 105.

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

162, 53, 105

Protanopia

84, 94, 132

Deuteranopia

102, 92, 99



Tritanopia
159, 62, 66

Trichromacy



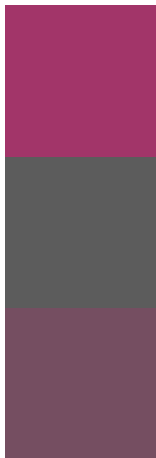
Original Color
162, 53, 105

Protanomaly
112, 79, 122

Deuteranomaly
124, 78, 101

Tritanomaly
160, 59, 80

Monochromacy



Original Color
162, 53, 105

Achromatopsia
92, 92, 92

Achromatomaly
117, 78, 97

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 53, 105 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 rgb(162, 53, 105) looks like.

```
.text, #text, p{  
    color:rgb(162, 53, 105)  
}
```

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 rgb(162, 53, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 53, 105) }
```

Border

The CSS property to change the border of an element to RGB 162, 53, 105 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 rgb(162, 53, 105) }
```

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

```
.border{ border-color:rgb(162, 53, 105) }
```

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

Here you see how a box with a 4 pixel rgb(162, 53, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 53, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 53, 105);  
box-shadow:4px 4px 4px 4px rgb(162, 53,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 162, 53, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 53, 105) }
```

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

```
.background{ background-color: rgb(162, 53,  
105) }
```

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