

Converting Colors

HunterLab(33.2441, 47.3795,
-21.3660)

Have a look what the booklet for
HunterLab(33.2441, 47.3795,
-21.3660) contains.

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Color

**HunterLab(33.2537, 47.3644,
-21.5509)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2E8A
RGB	158, 46, 138
RGB Percent	62%, 18%, 54%
CMY	0.3804, 0.8196, 0.4588
CMYK	0.00, 0.71, 0.13, 0.38
HSL	311°, 55%, 40%
HSV	311°, 71%, 62%
XYZ	19.6650, 11.0581, 25.1427
YIQ	89.9760, 37.2200, 52.3560

Conversions

Conversions Part 2

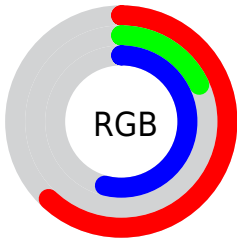
Format	Color
R_{YB}	158, 46, 138
Decimal	10366602
CIE _{Lab}	39.68, 55.73, -26.70
CIE _{LCh}	40, 61.798, 334.399
Yxy	11.0586, 0.3520, 0.1979
Android (android.graphics.Color)	4288556682 (0xFF9E2E8A)
YUV	89.9760, 23.6758, 59.6570
Hunter-Lab	33.2537, 47.3644, -21.5509

Details

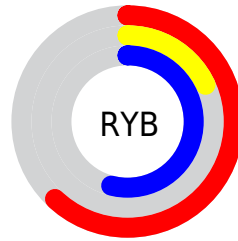
The HunterLab color **33.2537, 47.3644, -21.5509** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **50.4266, -37.4945, 24.3548**, and the grayscale version is **31.8734, -1.7007, 1.7317**.

A 20% lighter version of the original color is **52.6836, 51.0892, -22.7649**, and **18.9424, 36.1589, -16.5927** is the 20% darker color. If you saturate the color by 10%, you get **31.5634, 51.9654, -22.8221**, and if you desaturate by 10%, it is **35.5122, 41.4349, -19.3483**.

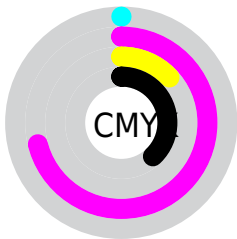
Distribution



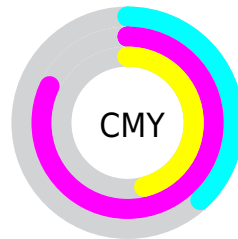
- Red (62%)
- Green (18%)
- Blue (54%)



- Red (62%)
- Yellow (18%)
- Blue (54%)



- Cyan (0%)
- Magenta (71%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2537, 47.3644, -21.5509 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 HunterLab color 33.2537, 47.3644, -21.5509 by changing the saturation by 10% instead.

33.2537, 47.3644,
-21.5509

33.2537, 47.3644,
-21.5509

140.7371, 61.8695,
-24.5066

24.7109, 45.3086,
-21.0046

52.6958, 51.2836,
-22.5831

17.0582, 43.3317,
-20.5378

63.4782, 53.0945,
-23.0266

10.4155, 41.8319,
-20.4120

74.9097, 54.7992,
-23.4128

0.0000, INF, -NF

0.0000, NaN, NaN

86.9553, 56.4004,
-23.7411

0.0000, NaN, NaN

99.5852, 57.9028,
-24.0127

0.0000, NaN, NaN

0.0000, NaN, NaN

112.7736, 59.3117,

-24.2293

126.4976, 60.6322,
-24.3932

■ 33.2537, 47.3644,
-21.5509

■ 33.2537, 47.3644,
-21.5509

■ 31.5634, 51.9654,
-22.8221

■ 35.5122, 41.4349,
-19.3483

■ 30.4467, 54.9004,
-23.0377

■ 38.2948, 34.6174,
-16.4277

■ 29.7911, 56.4086,
-22.5356

■ 41.5442, 27.3033,
-13.0043

■ 45.1991, 19.7858,
-9.2579

■ 49.2022, 12.2536,
-5.3197

■ 53.5034, 4.8135,
-1.2774

■ 58.0605, -2.4837,
2.8147

■ 62.8390, -9.6210,
6.9246

■ 67.8104, -16.6008,
11.0348

Harmonies

Analogous

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



33.2545, 26.6024, -53.7872



33.2537, 47.3644, -21.5509



33.2545, 53.7903, 4.8360

Triad

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



33.2545, 47.3625, -21.5496



33.2545, -5.0538, 22.4311



33.2545, -30.6383, -31.1643

Complementary

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



33.2537, 47.3644, -21.5509



50.4266, -37.4945, 24.3548

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.



33.2545, -35.0294, -1.5298



33.2537, 47.3644, -21.5509



33.2545, -22.9907, 21.0658

Square

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



33.2545, 47.3625, -21.5496



33.2545, 19.2292, 21.6975



33.2545, -32.6602, 15.2037



33.2545, -18.5908, -61.4864

Rectangle

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



33.2537, 47.3644, -21.5509



33.2545, 47.9499, 14.7862



33.2545, -32.6602, 15.2037



33.2545, -32.8871, -20.2749

Sweetspot

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



33.2545, 47.3625, -21.5496



66.0087, 17.0463, -7.4532



23.5282, 29.4358, -66.5026



30.6618, 9.3389, -4.1986



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



33.2545, 47.3625, -21.5496



41.5724, 72.6049, -31.0993



31.3901, 39.7608, 4.4518



25.9504, 1.7272, -0.2921



26.6706, 50.5160, -20.2992



3.6339, 6.9924, -3.6151

Inverse Universe

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



33.2545, 47.3625, -21.5496



41.5724, 72.6049, -31.0993



51.3881, -31.6256, 10.3632



25.9504, 1.7272, -0.2921



26.6706, 50.5160, -20.2992



3.6339, 6.9924, -3.6151

Previews

White Background



This preview shows how the HunterLab color 33.2537, 47.3644, -21.5509 looks on a white background.

Color Contrast Check

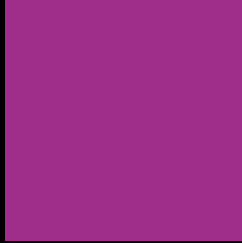
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.2537, 47.3644, -21.5509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

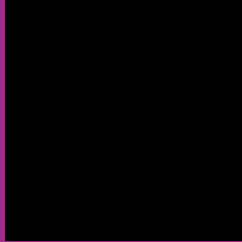
Any Text WCAG AA × Fail

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](#).

HunterLab 33.2537, 47.3644, -21.5509 Background



This preview shows how black text looks on a background with the HunterLab color 33.2537, 47.3644, -21.5509.



This preview shows how white text looks on a background with the HunterLab color 33.2537, 47.3644, -21.5509.

-21.5509.

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

33.2537, 47.3644, -21.5509

Protanopia

33.8845, 9.3406, -51.7386

Deuteranopia

33.5578, 2.3954, -17.2180



Tritanopia

33.2394, 27.2538, 10.3258

Trichromacy



Original Color

33.2537, 47.3644, -21.5509

Protanomaly

31.3055, 20.7467, -45.9713

Deuteranomaly

31.9454, 18.5114, -21.8515

Tritanomaly

32.9001, 34.4195, 1.3649

Monochromacy



Original Color

33.2537, 47.3644, -21.5509

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

30.9902, 15.8813, -7.2382

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2537, 47.3644, -21.5509 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(158, 46, 138)` looks like.

```
.text, #text, p{  
    color:rgb(158, 46, 138)  
}
```

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(158, 46, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 46, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2537, 47.3644, -21.5509 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(158, 46, 138) }
```


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

```
.border{ border-color:rgb(158, 46, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 46, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 46, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 46, 138);  
box-shadow:4px 4px 4px 4px rgb(158, 46,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2537, 47.3644, -21.5509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 46, 138) }
```

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

```
.background{ background-color: rgb(158, 46,  
138) }
```

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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