

Converting Colors

HunterLab(32.3154, 53.8531,
-21.8802)

Have a look what the booklet for
HunterLab(32.3154, 53.8531,
-21.8802) contains.

HunterLab(32.3154, 53.8531, -21.8802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(32.3154, 53.8531,
-21.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	A31D88
RGB	163, 29, 136
RGB Percent	64%, 11%, 53%
CMY	0.3608, 0.8862, 0.4667
CMYK	0.00, 0.82, 0.17, 0.36
HSL	312°, 70%, 38%
HSV	312°, 82%, 64%
XYZ	19.9876, 10.4429, 24.2548
YIQ	81.2640, 45.5170, 61.6850

Conversions

Conversions Part 2

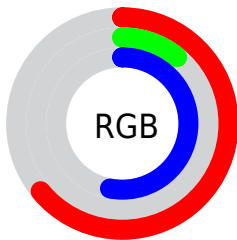
Format	Color
R_{YB}	163, 29, 136
Decimal	10689928
CIE _{Lab}	38.63, 61.88, -27.06
CIE _{LCh}	39, 67.532, 336.382
Yxy	10.4434, 0.3655, 0.1910
Android (android.graphics.Color)	4288880008 (0xFFA31D88)
YUV	81.2640, 26.9848, 71.6825
Hunter-Lab	32.3154, 53.8531, -21.8802

Details

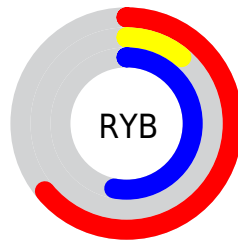
The HunterLab color **32.3154, 53.8531, -21.8802** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **51.7123, -41.0726, 26.8547**, and the grayscale version is **28.6762, -1.5301, 1.5580**.

A 20% lighter version of the original color is **51.5481, 58.1857, -23.2494**, and **19.4877, 36.8208, -14.1331** is the 20% darker color. If you saturate the color by 10%, you get **31.2293, 56.5703, -21.7003**, and if you desaturate by 10%, it is **33.9993, 49.3659, -20.9719**.

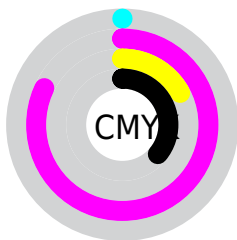
Distribution



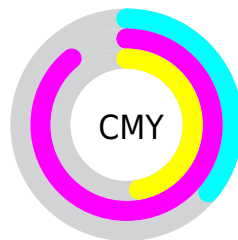
- Red (64%)
- Green (11%)
- Blue (53%)



- Red (64%)
- Yellow (11%)
- Blue (53%)



- Cyan (0%)
- Magenta (82%)
- Yellow (17%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.3154, 53.8531, -21.8802 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 32.3154, 53.8531, -21.8802 by changing the saturation by 10% instead.

32.3154, 53.8531,
-21.8802

32.3154, 53.8531,
-21.8802

139.2149, 70.1062,
-24.9648

23.8619, 51.7072,
-21.3350

51.6006, 58.1052,
-22.9334

16.3091, 49.7799,
-20.8931

62.3124, 60.1122,
-23.3915

9.7819, 48.7029,
-20.8648

73.6773, 62.0198,
-23.7932

0.0000, INF, -NF

0.0000, NaN, NaN

85.6598, 63.8264,
-24.1373

0.0000, NaN, NaN

98.2295, 65.5343,
-24.4247

0.0000, NaN, NaN

0.0000, NaN, NaN

111.3601, 67.1473,

-24.6570

125.0287, 68.6697,
-24.8363

■ 32.3154, 53.8531,
-21.8802

■ 32.3154, 53.8531,
-21.8802

■ 31.2293, 56.5703,
-21.7003

■ 33.9993, 49.3659,
-20.9719

■ 30.6634, 57.7816,
-21.0345

■ 36.2763, 43.4465,
-19.0797

■ 39.1067, 36.5422,
-16.4020

■ 42.4308, 29.0733,
-13.1580

■ 46.1841, 21.3588,
-9.5370

■ 50.3058, 13.6069,
-5.6806

■ 54.7426, 5.9372,
-1.6859

■ 59.4497, -1.5921,
2.3852

■ 64.3901, -8.9600,
6.4949

Harmonies

Analogous

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



32.3162, 31.2873, -59.2382



32.3154, 53.8531, -21.8802



32.3162, 59.7890, 6.3606

Triad

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



32.3162, 53.8509, -21.8789



32.3162, -6.8047, 22.6214



32.3162, -31.6108, -37.7869

Complementary

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



32.3154, 53.8531, -21.8802



51.7123, -41.0726, 26.8547

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.



32.3162, -36.5152, -3.6377



32.3154, 53.8531, -21.8802



32.3162, -25.2182, 21.0527

Square

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



32.3162, 53.8509, -21.8789



32.3162, 19.4285, 22.0156



32.3162, -34.5860, 15.0678



32.3162, -18.5373, -72.2862

Rectangle

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



32.3154, 53.8531, -21.8802



32.3162, 52.3240, 16.0214



32.3162, -34.5860, 15.0678



32.3162, -34.0590, -25.2104

Sweetspot

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



32.3162, 53.8509, -21.8789



65.4734, 21.5860, -9.3105



20.8777, 37.5964, -84.8803



30.1535, 11.8753, -5.2315



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



32.3162, 53.8509, -21.8789



41.0752, 77.0679, -27.8262



30.1630, 45.5968, 8.2511



26.7910, 1.7723, -0.2372



27.0443, 50.9819, -18.7074



3.9944, 7.6516, -3.7060

Inverse Universe

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



32.3162, 53.8509, -21.8789



41.0752, 77.0679, -27.8262



52.8026, -34.3707, 10.9662



26.7910, 1.7723, -0.2372



27.0443, 50.9819, -18.7074



3.9944, 7.6516, -3.7060

Previews

White Background



This preview shows how the HunterLab color 32.3154, 53.8531, -21.8802 looks on a white background.

Color Contrast Check

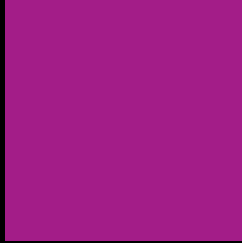
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3154, 53.8531, -21.8802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

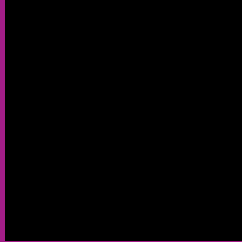
Any Text WCAG AA × Fail

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 32.3154, 53.8531, -21.8802 Background



This preview shows how black text looks on a background with the HunterLab color 32.3154, 53.8531, -21.8802.



This preview shows how white text looks on a background with the HunterLab color 32.3154, 53.8531, -21.8802.

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

32.3154, 53.8531, -21.8802

Protanopia

32.9857, 11.4404, -61.9750

Deuteranopia

32.7813, 2.2335, -16.6976



Tritanopia

32.4710, 31.9215, 12.2457

Trichromacy



Original Color

32.3154, 53.8531, -21.8802

Protanomaly

28.8805, 23.3963, -56.8484

Deuteranomaly

30.1462, 21.8166, -23.2736

Tritanomaly

31.9470, 39.9622, 2.8448

Monochromacy



Original Color

32.3154, 53.8531, -21.8802

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

27.8646, 19.3143, -8.6891

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.3154, 53.8531, -21.8802 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(163, 29, 136)` looks like.

```
.text, #text, p{  
    color:rgb(163, 29, 136)  
}
```

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(163, 29, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 29, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 32.3154, 53.8531, -21.8802 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(163, 29, 136) }
```


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

```
.border{ border-color:rgb(163, 29, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 29, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 29, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 29, 136);  
box-shadow:4px 4px 4px 4px rgb(163, 29,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.3154, 53.8531, -21.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 29, 136) }
```

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

```
.background{ background-color: rgb(163, 29,  
136) }
```

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