

Converting Colors

HunterLab(32.8947, 58.5709,
-20.6319)

Have a look what the booklet for
HunterLab(32.8947, 58.5709,
-20.6319) contains.

HunterLab(32.9187, 58.6441, -20.6413)	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(32.9187, 58.6441,
-20.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	AB1188
RGB	171, 17, 136
RGB Percent	67%, 7%, 53%
CMY	0.3294, 0.9333, 0.4667
CMYK	0.00, 0.90, 0.20, 0.33
HSL	314°, 82%, 37%
HSV	314°, 90%, 67%
XYZ	21.4390, 10.8364, 24.2542
YIQ	76.6120, 53.5850, 69.6570

Conversions

Conversions Part 2

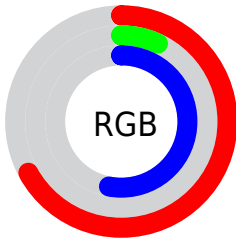
Format	Color
RYB	171, 17, 136
Decimal	11211144
CIELab	39.30, 65.98, -25.89
CIElCh	39, 70.879, 338.579
Yxy	10.8370, 0.3793, 0.1917
Android (android.graphics.Color)	4289401224 (0xFFAB1188)
YUV	76.6120, 29.2783, 82.7783
Hunter-Lab	32.9187, 58.6441, -20.6413

Details

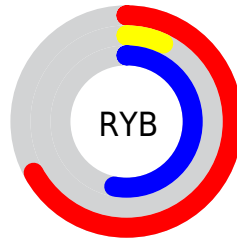
The HunterLab color $[32.9187, 58.6441, -20.6413]$ is a dark color, and the websafe version is hex `CC3399`. A complement of this color would be $[54.3078, -44.3735, 29.1384]$, and the grayscale version is $[26.9909, -1.4402, 1.4665]$.

A 20% lighter version of the original color is $[52.3040, 63.1866, -21.8862]$, and $[20.6138, 38.5611, -11.9454]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.1365, 60.2299, -19.5057]$, and if you desaturate by 10%, it is $[34.2036, 55.4541, -20.8859]$.

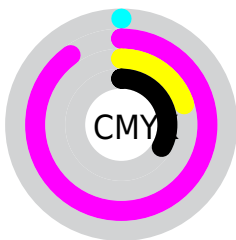
Distribution



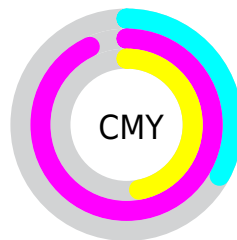
- Red (67%)
- Green (7%)
- Blue (53%)



- Red (67%)
- Yellow (7%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (20%)
- Black (33%)



- Cyan (33%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.9187, 58.6441, -20.6413 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 32.9187, 58.6441, -20.6413 by changing the saturation by 10% instead.

32.9187, 58.6441,
-20.6413

32.9187, 58.6441,
-20.6413

140.1947, 75.8848,
-23.4221

24.4076, 56.4536,
-20.1015

52.3052, 63.0712,
-21.6436

16.7903, 54.5477,
-19.6292

63.0625, 65.1859,
-22.0683

10.1885, 53.6323,
-19.4731

74.4703, 67.2072,
-22.4344

0.0000, INF, -NF

0.0000, NaN, NaN

86.4935, 69.1307,
-22.7419

0.0000, NaN, NaN

99.1020, 70.9571,
-22.9922

0.0000, NaN, NaN

0.0000, NaN, NaN

112.2698, 72.6890,

-23.1875

125.9742, 74.3302,
-23.3301

■ 32.9187, 58.6441,
-20.6413

■ 32.9187, 58.6441,
-20.6413

■ 32.1365, 60.2299,
-19.5057

■ 34.2036, 55.4541,
-20.8859

■ 36.1266, 50.4441,
-20.0106

■ 38.6756, 44.0059,
-18.1326

■ 41.8007, 36.6227,
-15.4610

■ 45.4354, 28.7222,
-12.2164

■ 49.5109, 20.6165,
-8.5854

■ 53.9636, 12.5033,
-4.7068

■ 58.7387, 4.4919,
-0.6756

■ 63.7903, -3.3670,
3.4469

Harmonies

Analogous

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



32.9196, 35.4256, -60.9551



32.9187, 58.6441, -20.6413



32.9196, 63.4064, 8.1068

Triad

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



32.9196, 58.6416, -20.6399



32.9196, -8.8656, 23.0437



32.9196, -32.3530, -43.5778

Complementary

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



32.9187, 58.6441, -20.6413



54.3078, -44.3735, 29.1384

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.



32.9196, -37.9562, -6.0911



32.9187, 58.6441, -20.6413



32.9196, -27.4212, 21.4877

Square

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



32.9196, 58.6416, -20.6399



32.9196, 18.4835, 22.8192



32.9196, -36.4835, 14.8264



32.9196, -18.0486, -79.8978

Rectangle

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



32.9187, 58.6441, -20.6413



32.9196, 54.4082, 17.3569



32.9196, -36.4835, 14.8264



32.9196, -35.0784, -29.8966

Sweetspot

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



32.9196, 58.6416, -20.6399



67.7457, 24.7916, -10.1804



20.0736, 43.8846, -100.6608



31.0933, 13.4035, -5.5990



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



32.9196, 58.6416, -20.6399



42.9679, 80.4643, -25.5712



30.6472, 50.2050, 11.3192



28.4894, 1.8840, -0.1808



27.9171, 52.3467, -17.1366



4.7368, 9.0156, -3.9441

Inverse Universe

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



32.9196, 58.6416, -20.6399



42.9679, 80.4643, -25.5712



55.4864, -37.1055, 11.9498



28.4894, 1.8840, -0.1808



27.9171, 52.3467, -17.1366



4.7368, 9.0156, -3.9441

Previews

White Background



This preview shows how the HunterLab color 32.9187, 58.6441, -20.6413 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 32.9187, 58.6441, -20.6413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

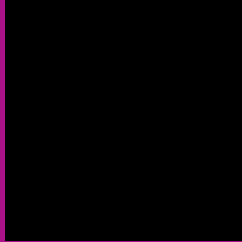
Any Text WCAG AA × Fail

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 32.9187, 58.6441, -20.6413 Background



This preview shows how black text looks on a background with the HunterLab color 32.9187, 58.6441, -20.6413.



This preview shows how white text looks on a background with the HunterLab color 32.9187, 58.6441, -20.6413.

-20.6413.

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

32.9187, 58.6441, -20.6413

Protanopia

33.8022, 12.1273, -65.4152

Deuteranopia

33.6430, 2.4426, -15.2170



Tritanopia

33.2223, 36.6764, 13.9696

Trichromacy



Original Color

32.9187, 58.6441, -20.6413

Protanomaly

28.6092, 26.3315, -61.7563

Deuteranomaly

30.2197, 25.0225, -23.0695

Tritanomaly

32.3624, 44.9036, 4.5980

Monochromacy



Original Color

32.9187, 58.6441, -20.6413

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.4457, 22.0698, -9.2244

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.9187, 58.6441, -20.6413 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(171, 17, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 17, 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(171, 17, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 17, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 32.9187, 58.6441, -20.6413 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(171, 17, 136) }
```


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

```
.border{ border-color:rgb(171, 17, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 17, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 17, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 17, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 17,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.9187, 58.6441, -20.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 17, 136) }
```

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

```
.background{ background-color: rgb(171, 17,  
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