

Converting Colors

HunterLab(40.0254, -21.0524,
20.9154)

Have a look what the booklet for
HunterLab(40.0254, -21.0524,
20.9154) contains.

HunterLab(39.9155, -20.8269, 20.8363)	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(39.9155,
-20.8269, 20.8363)**

Conversions

Conversions Part 1

Format	Color
Hex	537A2B
RGB	83, 122, 43
RGB Percent	33%, 48%, 17%
CMY	0.6745, 0.5216, 0.8314
CMYK	0.32, 0.00, 0.65, 0.52
HSL	90°, 48%, 32%
HSV	90°, 65%, 48%
XYZ	10.9628, 15.9325, 4.7830
YIQ	101.3330, 2.1150, -32.8370

Conversions

Conversions Part 2

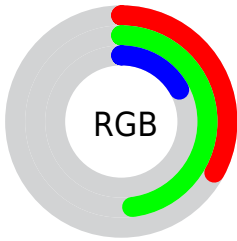
Format	Color
R_{YB}	43, 122, 82
Decimal	5470763
CIE Lab	46.89, -27.67, 37.86
CIE LCh	47, 46.892, 126.168
Yxy	15.9332, 0.3461, 0.5029
Android (android.graphics.Color)	4283660843 (0xFF537A2B)
YUV	101.3330, -28.7582, -16.0780
Hunter-Lab	39.9155, -20.8269, 20.8363

Details

The HunterLab color $39.9155, -20.8269, 20.8363$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $22.1973, 24.3379, -35.0787$, and the grayscale version is $36.3048, -1.9371, 1.9725$.

A 20% lighter version of the original color is $60.4843, -25.4179, 26.8999$, and $22.5575, -15.6593, 13.6257$ is the 20% darker color. If you saturate the color by 10%, you get $39.4898, -22.7156, 22.0099$, and if you desaturate by 10%, it is $40.4011, -18.6717, 19.2264$.

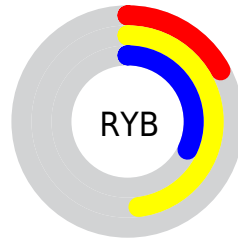
Distribution



Red (33%)

Green (48%)

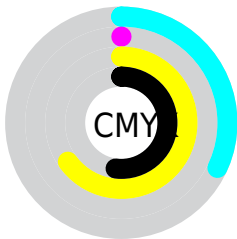
Blue (17%)



Red (17%)

Yellow (48%)

Blue (32%)

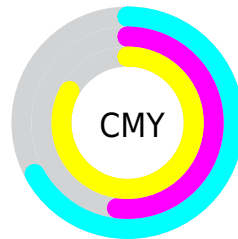


Cyan (32%)

Magenta (0%)

Yellow (65%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9155, -20.8269, 20.8363 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 39.9155, -20.8269, 20.8363 by changing the saturation by 10% instead.

■ 39.9155, -20.8269,
20.8363

■ 39.9155, -20.8269,
20.8363

151.3100,
-39.0826, 44.5658

■ 30.7845, -18.4495,
17.5736

■ 60.4004, -25.2414,
26.7910

■ 22.4800, -15.8929,
14.1685

■ 71.6545, -27.3326,
29.5602

■ 15.0953, -13.0678,
10.5667

■ 83.5318, -29.3704,
32.2269

■ 8.7315, -14.2766,
6.1121

■ 96.0013, -31.3663,
34.8103

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.0361,
-33.3293, 37.3252

0.0000, NaN, NaN

■ 122.6126,

0.0000, NaN, NaN

-35.2663, 39.7835

0.0000, NaN, NaN

136.7101,
-37.1826, 42.1945

■ 39.9155, -20.8269,
20.8363

■ 39.9155, -20.8269,
20.8363

■ 39.4898, -22.7156,
22.0099

■ 40.4011, -18.6717,
19.2264

■ 39.1193, -24.3390,
22.7721

■ 40.9454, -16.2488,
17.1645

■ 38.8010, -25.7150,
23.1779

■ 41.5497, -13.5646,
14.6449

■ 38.6477, -26.3795,
23.3527

■ 42.2144, -10.6281,
11.6687

■ 42.9392, -7.4511,
8.2433

■ 43.7233, -4.0472,
4.3812

■ 44.5659, -0.4311,
0.0985

■ 45.4657, 3.3812,
-4.5856

■ 46.4213, 7.3740,
-9.6499

Harmonies

Analogous

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



39.9164, -5.8381, 23.1687



39.9155, -20.8269, 20.8363



39.9164, -29.4620, 13.4587

Triad

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



39.9164, -20.8278, 20.8366



39.9164, -15.3636, -42.1036



39.9164, 39.1648, 5.6004

Complementary

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



39.9155, -20.8269, 20.8363



22.1973, 24.3379, -35.0787

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.



39.9164, 35.3727, -13.8347



39.9155, -20.8269, 20.8363



39.9164, 1.7145, -47.4078

Square

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



39.9164, -20.8278, 20.8366



39.9164, -26.7271, -23.0220



39.9164, 20.7988, -35.3379



39.9164, 30.3880, 17.2960

Rectangle

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



39.9155, -20.8269, 20.8363



39.9164, -31.4947, 4.3435



39.9164, 20.7988, -35.3379



39.9164, 39.3363, -0.1271

Sweetspot

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



39.9164, -20.8278, 20.8366



56.4904, -11.9041, 13.1445



31.9761, 7.7847, 15.6017



26.9064, -6.1572, 6.7842



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



39.9164, -20.8278, 20.8366



52.1164, -31.2761, 29.7766



38.2580, -27.5338, 19.5501



21.3082, -2.7233, 2.9972



39.6484, -27.0926, 23.9569



86.3010, -60.3795, 52.1212

Inverse Universe

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



22.1973, 24.3379, -35.0787



24.7588, 40.0396, -61.6141



26.7870, 34.5410, -23.6449



19.9541, 0.5810, -0.8963



15.7908, 36.4106, -62.4188



33.7483, 78.7046, -140.2802

Previews

White Background



This preview shows how the HunterLab color 39.9155, -20.8269, 20.8363 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 39.9155, -20.8269, 20.8363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

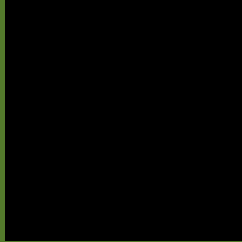
Any Text WCAG AA × Fail

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 39.9155, -20.8269, 20.8363 Background



This preview shows how black text looks on a background with the HunterLab color 39.9155, -20.8269, 20.8363.



This preview shows how white text looks on a background with the HunterLab color 39.9155,

-20.8269, 20.8363.

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

39.9155, -20.8269, 20.8363

Protanopia

39.7582, -5.0176, 21.4173

Deuteranopia

39.5410, 2.5878, 20.2174



Tritanopia

39.8050, -5.9424, -3.4882

Trichromacy



Original Color

39.9155, -20.8269, 20.8363

Protanomaly

39.5889, -11.3975, 21.0531

Deuteranomaly

39.1766, -6.9866, 20.1063

Tritanomaly

39.6288, -12.6046, 8.3548

Monochromacy



Original Color

39.9155, -20.8269, 20.8363

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.2775, -10.0124, 10.7240

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9155, -20.8269, 20.8363 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(83, 122, 43)` looks like.

```
.text, #text, p{  
    color:rgb(83, 122, 43)  
}
```

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(83, 122, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 122, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9155, -20.8269, 20.8363 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(83, 122, 43) }
```


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

```
.border{ border-color:rgb(83, 122, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 122, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 122, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 122, 43);  
box-shadow:4px 4px 4px 4px rgb(83, 122,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9155, -20.8269, 20.8363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 122, 43) }
```

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

```
.background{ background-color: rgb(83, 122,  
43) }
```

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