

Converting Colors

HunterLab(34.8926, -20.6450,
7.2438)

Have a look what the booklet for
HunterLab(34.8926, -20.6450,
7.2438) contains.

HunterLab(34.8851, -20.6252, 7.2263)	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(34.8851,
-20.6252, 7.2263)**

Conversions

Conversions Part 1

Format	Color
Hex	256E53
RGB	37, 110, 83
RGB Percent	15%, 43%, 33%
CMY	0.8549, 0.5686, 0.6745
CMYK	0.66, 0.00, 0.25, 0.57
HSL	158°, 50%, 29%
HSV	158°, 66%, 43%
XYZ	7.9002, 12.1697, 10.1162
YIQ	85.0950, -34.8410, -23.8730

Conversions

Conversions Part 2

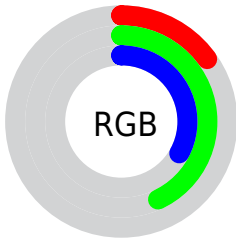
Format	Color
R_{YB}	37, 82, 110
Decimal	2453075
CIE _{Lab}	41.49, -29.57, 8.53
CIE _{LCh}	41, 30.776, 163.912
Yxy	12.1702, 0.2617, 0.4032
Android (android.graphics.Color)	4280643155 (0xFF256E53)
YUV	85.0950, -1.0328, -42.1793
Hunter-Lab	34.8851, -20.6252, 7.2263

Details

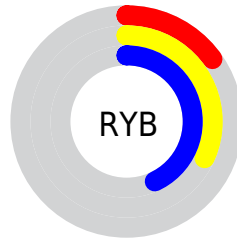
The HunterLab color **34.8851, -20.6252, 7.2263** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22.3799, 24.7845, 1.3729**, and the grayscale version is **30.1881, -1.6108, 1.6402**.

A 20% lighter version of the original color is **54.5259, -25.3651, 9.4174**, and **18.6479, -13.3115, 5.4275** is the 20% darker color. If you saturate the color by 10%, you get **34.5477, -22.1676, 8.2275**, and if you desaturate by 10%, it is **35.3129, -18.7390, 6.2673**.

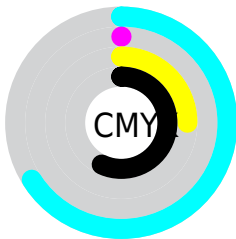
Distribution



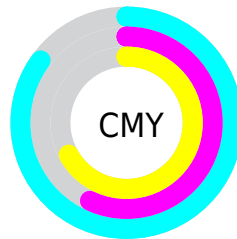
- Red (15%)
- Green (43%)
- Blue (33%)



- Red (15%)
- Yellow (32%)
- Blue (43%)



- Cyan (66%)
- Magenta (0%)
- Yellow (25%)
- Black (57%)



- Cyan (85%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.8851, -20.6252, 7.2263 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 34.8851, -20.6252, 7.2263 by changing the saturation by 10% instead.

■ 34.8851, -20.6252,
7.2263

■ 34.8851, -20.6252,
7.2263

143.3627,
-40.0449, 16.8068

■ 26.1910, -18.0098,
6.1782

■ 54.5937, -25.4042,
9.2996

■ 18.3698, -15.1522,
5.1023

■ 65.4962, -27.6434,
10.3392

■ 11.5336, -12.6522,
4.0217

■ 77.0410, -29.8136,
11.3866

■ 4.0551, -7.0964,
2.8385

■ 89.1942, -31.9299,
12.4444

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.9268,
-34.0034, 13.5143

0.0000, NaN, NaN

■ 115.2135,

0.0000, NaN, NaN

-36.0429, 14.5974

0.0000, NaN, NaN

129.0320,
-38.0549, 15.6947

■ 34.8851, -20.6252,
7.2263

■ 34.8851, -20.6252,
7.2263

■ 34.5477, -22.1676,
8.2275

■ 35.3129, -18.7390,
6.2673

■ 34.2928, -23.3759,
9.2554

■ 35.8328, -16.5081,
5.3624

■ 34.1034, -24.3143,
10.2848

■ 36.4479, -13.9424,
4.5230

■ 34.0380, -24.6400,
10.6461

■ 37.1590, -11.0584,
3.7583

■ 37.9657, -7.8787,
3.0752

■ 38.8668, -4.4292,
2.4786

■ 39.8601, -0.7383,
1.9714

■ 40.9427, 3.1654,
1.5548

■ 42.1114, 7.2535,
1.2280

Harmonies

Analogous

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



34.8858, -15.8793, 13.8839



34.8851, -20.6252, 7.2263



34.8858, -20.7934, -3.5313

Triad

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



34.8858, -20.6255, 7.2266



34.8858, 3.5993, -25.2198



34.8858, 15.4887, 13.5408

Complementary

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



34.8851, -20.6252, 7.2263



22.3799, 24.7845, 1.3729

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.



34.8858, 22.2287, 6.5760



34.8851, -20.6252, 7.2263



34.8858, 14.7881, -16.8478

Square

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



34.8858, -20.6255, 7.2266



34.8858, -7.7668, -24.8715



34.8858, 21.9568, -4.4293



34.8858, 4.4609, 16.6408

Rectangle

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



34.8851, -20.6252, 7.2263



34.8858, -18.3442, -11.9510



34.8858, 21.9568, -4.4293



34.8858, 18.3908, 11.6932

Sweetspot

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



34.8858, -20.6255, 7.2266



49.8506, -12.2438, 4.4391



35.2267, -20.6577, 18.3987



23.9405, -6.3293, 2.2327



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.8858, -20.6255, 7.2266



45.5746, -30.3527, 11.6860



33.0470, -13.1167, -6.3336



19.4814, -2.7093, 1.3260



37.2988, -27.0531, 11.7795



83.1453, -61.0112, 27.7813

Inverse Universe

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



22.3799, 24.7845, 1.3729



26.7052, 39.1775, 3.9756



23.1631, 18.9790, 10.1248



18.4933, 0.7512, 0.7777



20.4125, 35.8600, 6.1898



45.3890, 79.4129, 16.2850

Previews

White Background



This preview shows how the HunterLab color 34.8851, -20.6252, 7.2263 looks on a white background.

Color Contrast Check

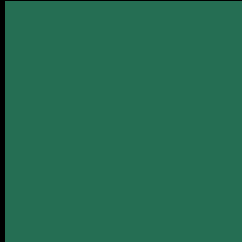
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8851, -20.6252, 7.2263 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 34.8851, -20.6252, 7.2263 Background



This preview shows how black text looks on a background with the HunterLab color 34.8851, -20.6252, 7.2263.



This preview shows how white text looks on a background with the HunterLab color 34.8851,

-20.6252, 7.2263.

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

34.8851, -20.6252, 7.2263

Protanopia

34.6818, -2.4151, 9.3255

Deuteranopia

34.7463, 2.2719, 6.0642



Tritanopia

34.8940, -12.6827, -5.7702

Trichromacy



Original Color

34.8851, -20.6252, 7.2263

Protanomaly

34.3114, -10.7739, 8.1717

Deuteranomaly

34.1629, -8.0943, 5.6297

Tritanomaly

34.7168, -15.5696, -0.7949

Monochromacy



Original Color

34.8851, -20.6252, 7.2263

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.4236, -9.6226, 3.3691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.8851, -20.6252, 7.2263 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(37, 110, 83)` looks like.

```
.text, #text, p{  
    color:rgb(37, 110, 83)  
}
```

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(37, 110, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 110, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 34.8851, -20.6252, 7.2263 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(37, 110, 83) }
```


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

```
.border{ border-color:rgb(37, 110, 83) }
```

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

Here you see how a box with a 4 pixel rgb(37, 110, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 110, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 110, 83);  
box-shadow:4px 4px 4px 4px rgb(37, 110,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.8851, -20.6252, 7.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 110, 83) }
```

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

```
.background{ background-color: rgb(37, 110,  
83) }
```

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