

Converting Colors

HunterLab(33.9859, -20.8343,
7.3699)

Have a look what the booklet for
HunterLab(33.9859, -20.8343,
7.3699) contains.

HunterLab(34.0523, -20.9292, 7.4022)	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(34.0523,
-20.9292, 7.4022)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6C50
RGB	31, 108, 80
RGB Percent	12%, 42%, 31%
CMY	0.8784, 0.5765, 0.6863
CMYK	0.71, 0.00, 0.26, 0.58
HSL	158°, 55%, 27%
HSV	158°, 71%, 42%
XYZ	7.3756, 11.5956, 9.4389
YIQ	81.7850, -36.9040, -25.0320

Conversions

Conversions Part 2

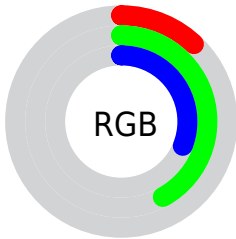
Format	Color
R_{YB}	31, 78, 108
Decimal	2059344
CIE _{Lab}	40.57, -30.55, 9.01
CIE _{LCh}	41, 31.855, 163.564
Yxy	11.5961, 0.2596, 0.4082
Android (android.graphics.Color)	4280249424 (0xFF1F6C50)
YUV	81.7850, -0.8800, -44.5384
Hunter-Lab	34.0523, -20.9292, 7.4022

Details

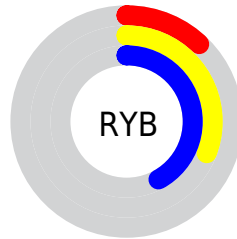
The HunterLab color **34.0523, -20.9292, 7.4022** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21.1758, 25.8606, 1.9150**, and the grayscale version is **28.9829, -1.5465, 1.5747**.

A 20% lighter version of the original color is **53.5771, -25.8908, 9.5772**, and **18.3114, -13.3362, 5.9013** is the 20% darker color. If you saturate the color by 10%, you get **33.7627, -22.2750, 8.3837**, and if you desaturate by 10%, it is **34.4276, -19.2522, 6.4577**.

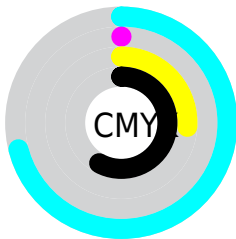
Distribution



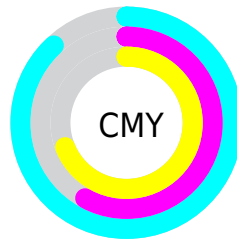
- Red (12%)
- Green (42%)
- Blue (31%)



- Red (12%)
- Yellow (31%)
- Blue (42%)



- Cyan (71%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)



- Cyan (88%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0523, -20.9292, 7.4022 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 34.0523, -20.9292, 7.4022 by changing the saturation by 10% instead.

■ 34.0523, -20.9292,
7.4022

■ 34.0523, -20.9292,
7.4022

142.0255,
-40.8819, 17.1958

■ 25.4347, -18.2167,
6.3168

■ 53.6258, -25.8651,
9.5368

■ 17.6988, -15.2411,
5.1965

■ 64.4674, -28.1707,
10.6027

■ 10.9603, -13.2194,
4.1907

■ 75.9547, -30.4017,
11.6744

■ 2.5049, -4.3836,
1.7534

■ 88.0533, -32.5741,
12.7548

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.7338,
-34.7001, 13.8459

0.0000, NaN, NaN

■ 113.9705,

0.0000, NaN, NaN

-36.7888, 14.9491

0.0000, NaN, NaN

127.7411,
-38.8475, 16.0655

■ 34.0523, -20.9292,
7.4022

■ 34.0523, -20.9292,
7.4022

■ 33.7627, -22.2750,
8.3837

■ 34.4276, -19.2522,
6.4577

■ 33.5499, -23.3054,
9.3865

■ 34.8911, -17.2383,
5.5623

■ 33.3943, -24.0784,
10.2383

■ 35.4464, -14.8926,
4.7280

■ 36.0952, -12.2282,
3.9645

■ 36.8376, -9.2641,
3.2793

■ 37.6727, -6.0242,
2.6780

■ 38.5989, -2.5349,
2.1641

■ 39.6137, 1.1759,
1.7393

■ 40.7141, 5.0803,
1.4036

Harmonies

Analogous

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



34.0530, -16.0612, 14.0594



34.0523, -20.9292, 7.4022



34.0530, -21.1538, -3.5951

Triad

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



34.0530, -20.9295, 7.4025



34.0530, 3.6562, -26.4383



34.0530, 16.1914, 13.6077

Complementary

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



34.0523, -20.9292, 7.4022



21.1758, 25.8606, 1.9150

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.



34.0530, 23.1075, 6.5283



34.0523, -20.9292, 7.4022



34.0530, 15.2337, -17.7402

Square

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



34.0530, -20.9295, 7.4025



34.0530, -7.9919, -25.9547



34.0530, 22.7349, -4.8219



34.0530, 4.8280, 16.7175

Rectangle

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



34.0523, -20.9292, 7.4022



34.0530, -18.7077, -12.3353



34.0530, 22.7349, -4.8219



34.0530, 19.1783, 11.7415

Sweetspot

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



34.0530, -20.9295, 7.4025



48.7802, -12.3878, 4.3685



34.2950, -21.3562, 18.5172



23.8956, -6.5026, 2.2362



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.



34.0530, -20.9295, 7.4025



44.5263, -30.5161, 12.0419



31.7175, -12.6500, -7.1989



18.6390, -2.5726, 1.2545



36.4633, -26.3412, 11.2872



82.2050, -60.0993, 26.9880

Inverse Universe

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



21.1758, 25.8606, 1.9150



25.3952, 39.9914, 5.1988



22.1172, 19.6792, 10.4976



17.7011, 0.6976, 0.7580



19.9365, 35.0040, 6.1986



44.8310, 78.3840, 16.4913

Previews

White Background



This preview shows how the HunterLab color 34.0523, -20.9292, 7.4022 looks on a white background.

Color Contrast Check

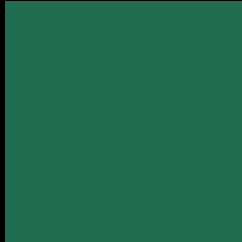
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0523, -20.9292, 7.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

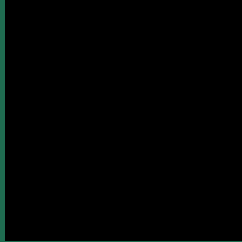
Any Text WCAG AA × Fail

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 34.0523, -20.9292, 7.4022 Background



This preview shows how black text looks on a background with the HunterLab color 34.0523, -20.9292, 7.4022.



This preview shows how white text looks on a background with the HunterLab color 34.0523,

-20.9292, 7.4022.

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

34.0523, -20.9292, 7.4022

Protanopia

33.8312, -2.7755, 9.4442

Deuteranopia

33.9788, 2.1793, 6.3403



Tritanopia

34.1004, -12.7892, -5.8642

Trichromacy



Original Color

34.0523, -20.9292, 7.4022

Protanomaly

33.4255, -11.2754, 8.2710

Deuteranomaly

33.3305, -8.4030, 5.8336

Tritanomaly

33.8738, -15.9271, -0.5088

Monochromacy



Original Color

34.0523, -20.9292, 7.4022

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.2209, -9.9096, 3.1760

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0523, -20.9292, 7.4022 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(31, 108, 80)` looks like.

```
.text, #text, p{  
    color:rgb(31, 108, 80)  
}
```

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(31, 108, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 108, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0523, -20.9292, 7.4022 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(31, 108, 80) }
```


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

```
.border{ border-color:rgb(31, 108, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 108, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 108, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 108, 80);  
box-shadow:4px 4px 4px 4px rgb(31, 108,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0523, -20.9292, 7.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 108, 80) }
```

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

```
.background{ background-color: rgb(31, 108,  
80) }
```

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