

Converting Colors

HunterLab(20.7097, -12.9975,
9.8561)

Have a look what the booklet for
HunterLab(20.7097, -12.9975,
9.8561) contains.

HunterLab(20.6347, -12.8518, 9.8474)	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(20.6347,
-12.8518, 9.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4219
RGB	31, 66, 25
RGB Percent	12%, 26%, 10%
CMY	0.8784, 0.7412, 0.9020
CMYK	0.53, 0.00, 0.62, 0.74
HSL	111°, 45%, 18%
HSV	111°, 62%, 26%
XYZ	2.6887, 4.2579, 1.5999
YIQ	50.8610, -7.6990, -20.1710

Conversions

Conversions Part 2

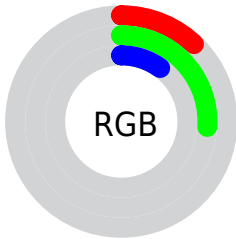
Format	Color
R_{YB}	25, 66, 60
Decimal	2048537
CIE Lab	24.51, -22.25, 20.85
CIE LCh	25, 30.493, 136.854
Yxy	4.2581, 0.3146, 0.4982
Android (android.graphics.Color)	4280238617 (0xFF1F4219)
YUV	50.8610, -12.7495, -17.4181
Hunter-Lab	20.6347, -12.8518, 9.8474

Details

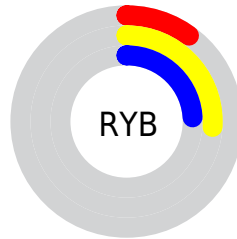
The HunterLab color $[20.6347, -12.8518, 9.8474]$ is a dark color, and the websafe version is hex `003300`. A complement of this color would be $[14.3158, 14.7814, -12.2675]$, and the grayscale version is $[18.1917, -0.9707, 0.9884]$.

A 20% lighter version of the original color is $[37.5453, -16.9034, 13.6891]$, and $[8.0825, -6.9307, 4.8591]$ is the 20% darker color. If you saturate the color by 10%, you get $[20.3788, -14.0211, 10.5964]$, and if you desaturate by 10%, it is $[20.9411, -11.4715, 8.9140]$.

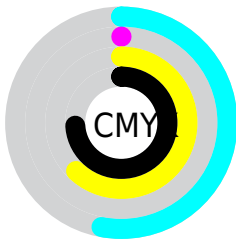
Distribution



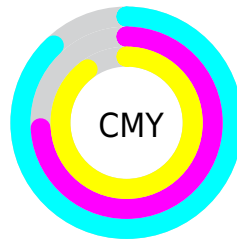
- Red (12%)
- Green (26%)
- Blue (10%)



- Red (10%)
- Yellow (26%)
- Blue (24%)



- Cyan (53%)
- Magenta (0%)
- Yellow (62%)
- Black (74%)



- Cyan (88%)
- Magenta (74%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6347, -12.8518, 9.8474 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 20.6347, -12.8518, 9.8474 by changing the saturation by 10% instead.

■ 20.6347, -12.8518,
9.8474

■ 20.6347, -12.8518,
9.8474

■ 119.3338,
-29.4578, 25.9904

■ 13.4869, -10.4802,
8.1625

■ 37.6722, -17.0129,
13.9135

■ 7.0636, -12.3613,
4.9445

■ 47.3872, -18.9263,
15.7762

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.8180, -20.7713,
17.5688

0.0000, NaN, NaN

■ 68.9185, -22.5663,
19.3105

0.0000, NaN, NaN

■ 80.6505, -24.3241,
21.0149

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.9817, -26.0543,

22.6918

0.0000, NaN, NaN

■ 105.8842,
-27.7637, 24.3484

■ 20.6347, -12.8518,
9.8474

■ 20.6347, -12.8518,
9.8474

■ 20.3788, -14.0211,
10.5964

■ 20.9411, -11.4715,
8.9140

■ 20.1707, -14.9760,
11.1632

■ 21.2973, -9.8861,
7.7977

■ 20.0053, -15.7418,
11.6090

■ 21.7038, -8.1066,
6.5045

■ 19.8970, -16.2568,
11.9758

■ 22.1601, -6.1464,
5.0429

■ 22.6654, -4.0206,
3.4239

■ 23.2183, -1.7454,
1.6596

■ 23.8174, 0.6626,
-0.2367

■ 24.4610, 3.1873,
-2.2520

■ 25.1473, 5.8133,
-4.3733

Harmonies

Analogous

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



20.6351, -6.1554, 11.8190



20.6347, -12.8518, 9.8474



20.6351, -16.0984, 4.7107

Triad

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



20.6351, -12.8522, 9.8475



20.6351, -5.1104, -24.1162



20.6351, 19.5501, 5.5687

Complementary

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



20.6347, -12.8518, 9.8474



14.3158, 14.7814, -12.2675

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.



20.6351, 19.9695, -3.2524



20.6347, -12.8518, 9.8474



20.6351, 4.4897, -23.5258

Square

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



20.6351, -12.8522, 9.8475



20.6351, -12.2074, -16.0936



20.6351, 14.0584, -14.7268



20.6351, 12.9994, 10.2292

Rectangle

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



20.6347, -12.8518, 9.8474



20.6351, -16.3383, -1.0694



20.6351, 14.0584, -14.7268



20.6351, 20.4496, 3.0988

Sweetspot

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



20.6351, -12.8522, 9.8475



29.3519, -7.4772, 6.1751



21.0824, -2.7693, 10.3557



14.8989, -3.9783, 3.2736



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.6351, -12.8522, 9.8475



26.6811, -19.2864, 14.4527



20.6206, -12.5296, 6.8799



12.1236, -1.7067, 1.4876



29.3695, -24.3550, 17.6710



73.3806, -61.8012, 44.1349

Inverse Universe

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



14.3158, 14.7814, -12.2675



16.8233, 24.2941, -20.7600



14.4859, 14.1615, -3.9552



11.6133, 0.4766, -0.2377



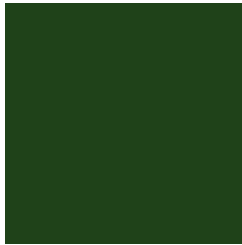
16.3940, 33.3282, -30.1271



40.6863, 82.9572, -76.6584

Previews

White Background



This preview shows how the HunterLab color 20.6347, -12.8518, 9.8474 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

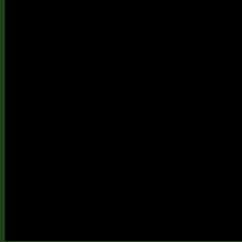
Any Text WCAG AA × Fail

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 20.6347, -12.8518, 9.8474 Background



This preview shows how black text looks on a background with the HunterLab color 20.6347, -12.8518, 9.8474.



This preview shows how white text looks on a background with the HunterLab color 20.6347,

-12.8518, 9.8474.

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

20.6347, -12.8518, 9.8474

Protanopia

20.5226, -2.4486, 10.2612

Deuteranopia

20.4791, 1.1904, 9.4593



Tritanopia

20.7403, -5.2194, -2.4914

Trichromacy



Original Color

20.6347, -12.8518, 9.8474

Protanomaly

20.3969, -6.7992, 9.9375

Deuteranomaly

20.1914, -4.8431, 9.3123

Tritanomaly

20.4848, -8.3103, 3.0740

Monochromacy



Original Color

20.6347, -12.8518, 9.8474

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.7909, -5.6136, 4.5691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6347, -12.8518, 9.8474 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, 66, 25)` looks like.

```
.text, #text, p{  
    color:rgb(31, 66, 25)  
}
```

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, 66, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 66, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6347, -12.8518, 9.8474 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, 66, 25) }
```


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

```
.border{ border-color:rgb(31, 66, 25) }
```

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

Here you see how a box with a 4 pixel rgb(31, 66, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 66, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 66, 25);  
box-shadow:4px 4px 4px 4px rgb(31, 66, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6347, -12.8518, 9.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 66, 25) }
```

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

```
.background{ background-color: rgb(31, 66,  
25) }
```

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