

Converting Colors

HunterLab(20.9264, 12.3553,
-9.7135)

Have a look what the booklet for
HunterLab(20.9264, 12.3553,
-9.7135) contains.

HunterLab(20.8394, 12.5414, -9.6507)	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(20.8394, 12.5414,
-9.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3052
RGB	78, 48, 82
RGB Percent	31%, 19%, 32%
CMY	0.6941, 0.8118, 0.6784
CMYK	0.05, 0.41, 0.00, 0.68
HSL	293°, 26%, 25%
HSV	293°, 41%, 32%
XYZ	5.7218, 4.3428, 8.5193
YIQ	60.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

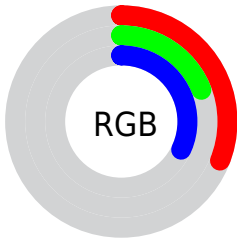
Format	Color
R_{YB}	78, 48, 82
Decimal	5124178
CIE _{Lab}	24.77, 20.21, -15.24
CIE _{LCh}	25, 25.313, 322.979
Yxy	4.3430, 0.3079, 0.2337
Android (android.graphics.Color)	4283314258 (0xFF4E3052)
YUV	60.8460, 10.4289, 15.0441
Hunter-Lab	20.8394, 12.5414, -9.6507

Details

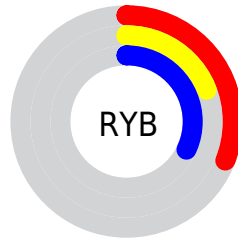
The HunterLab color $[20.8394, 12.5414, -9.6507]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[26.4162, -12.6645, 9.7792]$, and the grayscale version is $[21.5128, -1.1479, 1.1688]$.

A 20% lighter version of the original color is $[37.9994, 14.1051, -10.3988]$, and $[7.2252, 11.9054, -9.7022]$ is the 20% darker color. If you saturate the color by 10%, you get $[19.2165, 15.9608, -12.5091]$, and if you desaturate by 10%, it is $[22.6229, 9.0813, -6.8220]$.

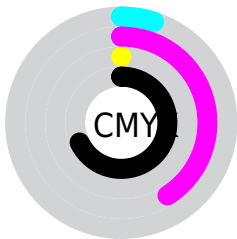
Distribution



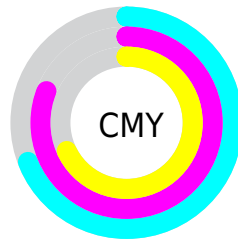
- Red (31%)
- Green (19%)
- Blue (32%)



- Red (31%)
- Yellow (19%)
- Blue (32%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8394, 12.5414, -9.6507 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 20.8394, 12.5414, -9.6507 by changing the saturation by 10% instead.

■ 20.8394, 12.5414,
-9.6507

■ 20.8394, 12.5414,
-9.6507

■ 119.7008, 16.2435,
-10.2383

■ 13.6646, 11.5634,
-9.2509

■ 37.9223, 14.0444,
-10.2479

■ 7.2702, 11.9602,
-9.6860

■ 47.6571, 14.6126,
-10.4341

0.0000, NaN, -NF

■ 58.1064, 15.0800,
-10.5500

0.0000, NaN, NaN

■ 69.2242, 15.4583,
-10.6007

0.0000, NaN, NaN

■ 80.9727, 15.7569,
-10.5908

0.0000, NaN, NaN

■ 93.3195, 15.9833,

0.0000, NaN, NaN

-10.5247

0.0000, NaN, NaN

106.2369, 16.1438,
-10.4061

■ 20.8394, 12.5414,
-9.6507

■ 20.8394, 12.5414,
-9.6507

■ 19.2165, 15.9608,
-12.5091

■ 22.6229, 9.0813,
-6.8220

■ 17.7773, 19.2449,
-15.3324

■ 24.5437, 5.6415,
-4.0613

■ 16.5476, 22.2525,
-18.0160

■ 26.5835, 2.2530,
-1.3840

■ 15.5501, 24.8063,
-20.4206

■ 28.7267, -1.0701,
1.2067

■ 14.7804, 26.7905,
-22.4453

■ 30.9602, -4.3243,
3.7146

■ 14.1440, 28.5291,
-24.2476

■ 33.2733, -7.5123,
6.1468

■ 35.6571, -10.6395,
8.5119

■ 38.1043, -13.7129,
10.8186

■ 40.6088, -16.7393,
13.0749

Harmonies

Analogous

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



20.8399, 5.1926, -17.1706



20.8394, 12.5414, -9.6507



20.8399, 16.3202, -0.7214

Triad

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



20.8399, 12.5408, -9.6501



20.8399, 0.7874, 11.0175



20.8399, -13.3954, -5.3739

Complementary

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



20.8394, 12.5414, -9.6507



26.4162, -12.6645, 9.7792

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.



20.8399, -14.2115, 2.8338



20.8394, 12.5414, -9.6507



20.8399, -6.7481, 10.5687

Square

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



20.8399, 12.5408, -9.6501



20.8399, 8.9062, 9.7214



20.8399, -11.9617, 8.1247



20.8399, -9.5370, -14.1241

Rectangle

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



20.8394, 12.5414, -9.6507



20.8399, 15.9609, 4.1414



20.8399, -11.9617, 8.1247



20.8399, -14.0083, -2.4006

Sweetspot

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



20.8399, 12.5408, -9.6501



34.8600, 3.4050, -2.1648



19.3434, 3.0060, -12.4962



17.2284, 1.8154, -1.1730



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



20.8399, 12.5408, -9.6501



25.3287, 21.2282, -16.6461



20.8429, 11.7200, -3.2158



13.8637, 0.6806, -0.3388



18.1629, 36.6689, -31.3981



43.3274, 87.6526, -76.2887

Inverse Universe

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



20.3860, 9.4761, 3.2782



24.6035, 16.3297, 5.1945



26.4467, -12.1001, 6.3545



13.8128, 0.3353, 0.9335



17.3302, 29.8360, 9.9780



41.5267, 71.3097, 25.3304

Previews

White Background



This preview shows how the HunterLab color 20.8394, 12.5414, -9.6507 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

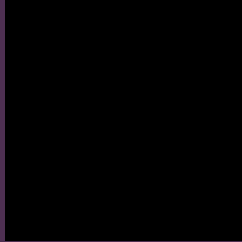
Any Text WCAG AA × Fail

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 20.8394, 12.5414, -9.6507 Background



This preview shows how black text looks on a background with the HunterLab color 20.8394, 12.5414, -9.6507.



This preview shows how white text looks on a background with the HunterLab color 20.8394, 12.5414, -9.6507.

-9.6507.

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

20.8394, 12.5414, -9.6507

Protanopia

20.9587, 2.3072, -14.4085

Deuteranopia

20.8858, 1.3039, -8.6520



Tritanopia

20.8266, 5.6640, 1.9126

Trichromacy



Original Color

20.8394, 12.5414, -9.6507

Protanomaly

20.6307, 5.7995, -13.0991

Deuteranomaly

20.6314, 5.3459, -9.5646

Tritanomaly

20.7304, 8.0461, -1.8266

Monochromacy



Original Color

20.8394, 12.5414, -9.6507

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.0981, 3.7147, -2.7565

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8394, 12.5414, -9.6507 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(78, 48, 82)` looks like.

```
.text, #text, p{  
    color:rgb(78, 48, 82)  
}
```

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(78, 48, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 48, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8394, 12.5414, -9.6507 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(78, 48, 82) }
```


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

```
.border{ border-color:rgb(78, 48, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 48, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 48, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 48, 82);  
box-shadow:4px 4px 4px 4px rgb(78, 48, 82)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8394, 12.5414, -9.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 48, 82) }
```

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

```
.background{ background-color: rgb(78, 48,  
82) }
```

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