

Converting Colors

HunterLab(20.9072, 14.1383,
-11.2186)

Have a look what the booklet for
HunterLab(20.9072, 14.1383,
-11.2186) contains.

HunterLab(20.9628, 14.1032, -11.1437)	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(20.9628, 14.1032,
-11.1437)**

Conversions

Conversions Part 1

Format	Color
Hex	502F55
RGB	80, 47, 85
RGB Percent	31%, 18%, 33%
CMY	0.6863, 0.8157, 0.6667
CMYK	0.06, 0.45, 0.00, 0.67
HSL	292°, 29%, 26%
HSV	292°, 45%, 33%
XYZ	5.9645, 4.3944, 9.1282
YIQ	61.1990, 7.4700, 18.8140

Conversions

Conversions Part 2

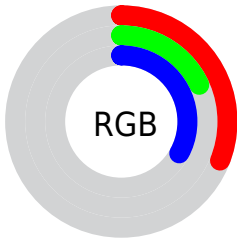
Format	Color
R_{YB}	80, 47, 85
Decimal	5254997
CIE _{Lab}	24.94, 22.25, -16.96
CIE _{LCh}	25, 27.973, 322.690
Yxy	4.3946, 0.3061, 0.2255
Android (android.graphics.Color)	4283445077 (0xFF502F55)
YUV	61.1990, 11.7339, 16.4885
Hunter-Lab	20.9628, 14.1032, -11.1437

Details

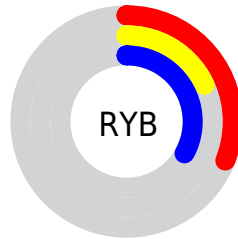
The HunterLab color **20.9628, 14.1032, -11.1437** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **27.2625, -13.8071, 10.7081**, and the grayscale version is **21.6302, -1.1541, 1.1752**.

A 20% lighter version of the original color is **38.0795, 15.7765, -11.9485**, and **7.4427, 13.3050, -11.1728** is the 20% darker color. If you saturate the color by 10%, you get **19.3175, 17.6044, -14.1668**, and if you desaturate by 10%, it is **22.7833, 10.5330, -8.1422**.

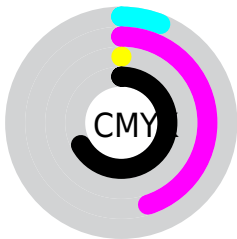
Distribution



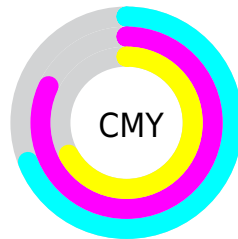
- Red (31%)
- Green (18%)
- Blue (33%)



- Red (31%)
- Yellow (18%)
- Blue (33%)



- Cyan (6%)
- Magenta (45%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9628, 14.1032, -11.1437 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 20.9628, 14.1032, -11.1437 by changing the saturation by 10% instead.

■ 20.9628, 14.1032,
-11.1437

■ 20.9628, 14.1032,
-11.1437

■ 119.9217, 18.6186,
-12.2589

■ 13.7719, 13.0207,
-10.7101

■ 38.0729, 15.8116,
-11.8513

■ 7.3916, 13.2006,
-11.1256

■ 47.8196, 16.4771,
-12.0985

0.0000, INF, -NF

■ 58.2800, 17.0378,
-12.2760

0.0000, NaN, NaN

■ 69.4083, 17.5057,
-12.3877

0.0000, NaN, NaN

■ 81.1666, 17.8906,
-12.4380

0.0000, NaN, NaN

■ 93.5227, 18.2002,

0.0000, NaN, NaN

-12.4309

0.0000, NaN, NaN

106.4492, 18.4410,
-12.3701

■ 20.9628, 14.1032,
-11.1437

■ 20.9628, 14.1032,
-11.1437

■ 19.3175, 17.6044,
-14.1668

■ 22.7833, 10.5330,
-8.1422

■ 17.8725, 20.9233,
-17.1317

■ 24.7536, 6.9682,
-5.2103

■ 16.6551, 23.8967,
-19.9139

■ 26.8534, 3.4485,
-2.3685

■ 15.6875, 26.3297,
-22.3545

■ 29.0652, -0.0070,
0.3780

■ 14.9189, 28.2618,
-24.4678

■ 31.3746, -3.3924,
3.0323

■ 14.5067, 29.3643,
-25.6729

■ 33.7698, -6.7090,
5.6021

■ 36.2411, -9.9620,
8.0968

■ 38.7803, -13.1583,
10.5262

■ 41.3809, -16.3051,
12.8993

Harmonies

Analogous

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



20.9633, 5.8128, -19.7955



20.9628, 14.1032, -11.1437



20.9633, 18.4354, -1.0112

Triad

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



20.9633, 14.1026, -11.1431



20.9633, 1.0762, 11.6495



20.9633, -14.5548, -6.0637

Complementary

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



20.9628, 14.1032, -11.1437



27.2625, -13.8071, 10.7081

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.



20.9633, -15.3979, 3.0869



20.9628, 14.1032, -11.1437



20.9633, -7.2540, 11.2201

Square

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



20.9633, 14.1026, -11.1431



20.9633, 10.1502, 10.3291



20.9633, -12.9488, 8.7390



20.9633, -10.4190, -16.1164

Rectangle

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



20.9628, 14.1032, -11.1437



20.9633, 18.0669, 4.3773



20.9633, -12.9488, 8.7390



20.9633, -15.2015, -2.7107

Sweetspot

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



20.9633, 14.1026, -11.1431



35.4232, 3.9219, -2.6279



19.2934, 3.6430, -14.4589



17.7184, 2.3272, -1.6038



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



20.9633, 14.1026, -11.1431



25.0073, 23.4653, -18.9186



21.0245, 13.3194, -3.6547



14.6214, 0.7277, -0.3824



18.4153, 37.3125, -32.8727



43.3297, 87.9928, -78.8939

Inverse Universe

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



20.5243, 10.8970, 3.4521



24.3297, 18.4350, 5.4847



27.2721, -13.2891, 6.9943



14.5726, 0.3801, 0.9682



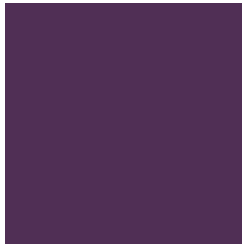
17.7875, 30.6413, 10.1013



42.0623, 72.2665, 25.3694

Previews

White Background



This preview shows how the HunterLab color 20.9628, 14.1032, -11.1437 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



This preview shows how the HunterLab color 20.9628, 14.1032, -11.1437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

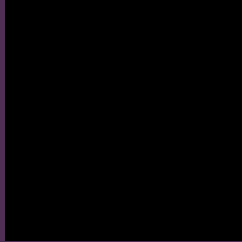
Any Text WCAG AA × Fail

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 20.9628, 14.1032, -11.1437 Background



This preview shows how black text looks on a background with the HunterLab color 20.9628, 14.1032, -11.1437.



This preview shows how white text looks on a background with the HunterLab color 20.9628, 14.1032, -11.1437.

-11.1437.

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

20.9628, 14.1032, -11.1437

Protanopia

21.0551, 3.0442, -17.4594

Deuteranopia

21.1720, 1.2380, -9.8496



Tritanopia

20.9239, 5.9703, 2.0292

Trichromacy



Original Color

20.9628, 14.1032, -11.1437

Protanomaly

20.7201, 6.4042, -15.4419

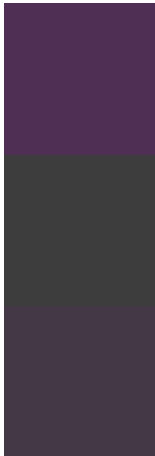
Deuteranomaly

20.9681, 5.4707, -10.7006

Tritanomaly

20.8583, 8.4905, -2.0929

Monochromacy



Original Color

20.9628, 14.1032, -11.1437

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.2120, 4.1427, -3.0526

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9628, 14.1032, -11.1437 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(80, 47, 85)` looks like.

```
.text, #text, p{  
    color:rgb(80, 47, 85)  
}
```

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(80, 47, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 47, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9628, 14.1032, -11.1437 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(80, 47, 85) }
```


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

```
.border{ border-color:rgb(80, 47, 85) }
```

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

Here you see how a box with a 4 pixel rgb(80, 47, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 47, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 47, 85);  
box-shadow:4px 4px 4px 4px rgb(80, 47, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9628, 14.1032, -11.1437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 47, 85) }
```

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

```
.background{ background-color: rgb(80, 47,  
85) }
```

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