

Converting Colors

HunterLab(21.0299, 8.3535,
-22.6511)

Have a look what the booklet for
HunterLab(21.0299, 8.3535,
-22.6511) contains.

HunterLab(20.9997, 8.2416, -22.4067)	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(20.9997, 8.2416,
-22.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	373666
RGB	55, 54, 102
RGB Percent	22%, 21%, 40%
CMY	0.7843, 0.7882, 0.6000
CMYK	0.46, 0.47, 0.00, 0.60
HSL	241°, 31%, 31%
HSV	241°, 47%, 40%
XYZ	5.2930, 4.4099, 13.1426
YIQ	59.7710, -14.8120, 15.1400

Conversions

Conversions Part 2

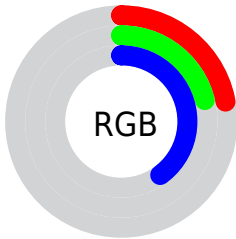
Format	Color
R_{YB}	55, 54, 102
Decimal	3618406
CIE Lab	24.98, 14.29, -28.18
CIE LCh	25, 31.596, 296.886
Yxy	4.4100, 0.2317, 0.1930
Android (android.graphics.Color)	4281808486 (0xFF373666)
YUV	59.7710, 20.8189, -4.1842
Hunter-Lab	20.9997, 8.2416, -22.4067

Details

The HunterLab color $20.9997, 8.2416, -22.4067$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $35.4060, -7.5925, 15.8396$, and the grayscale version is $21.1128, -1.1265, 1.1471$.

A 20% lighter version of the original color is $38.2237, 8.8966, -23.0374$, and $7.4424, 8.1865, -24.0650$ is the 20% darker color. If you saturate the color by 10%, you get $18.1772, 11.1466, -29.6062$, and if you desaturate by 10%, it is $24.0256, 5.6704, -16.1175$.

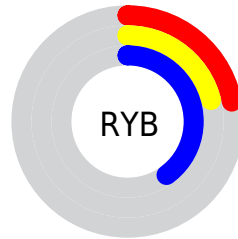
Distribution



Red (22%)

Green (21%)

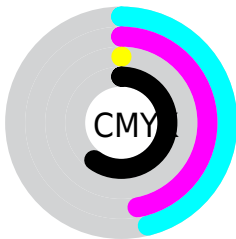
Blue (40%)



Red (22%)

Yellow (21%)

Blue (40%)

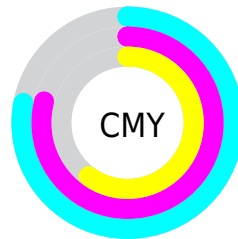


Cyan (46%)

Magenta (47%)

Yellow (0%)

Black (60%)



Cyan (78%)

Magenta (79%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9997, 8.2416, -22.4067 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 20.9997, 8.2416, -22.4067 by changing the saturation by 10% instead.

■ 20.9997, 8.2416,
-22.4067

■ 20.9997, 8.2416,
-22.4067

■ 119.9875, 9.4412,
-26.2354

■ 13.8039, 7.6124,
-22.1001

■ 38.1178, 9.0934,
-23.4881

■ 7.4274, 7.9951,
-23.7631

■ 47.8681, 9.3605,
-24.0339

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.3317, 9.5413,
-24.5373

0.0000, NaN, NaN

■ 69.4631, 9.6460,
-24.9883

0.0000, NaN, NaN

■ 81.2244, 9.6826,
-25.3834

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.5833, 9.6573,

-25.7222

0.0000, NaN, NaN

106.5124, 9.5754,
-26.0056

■ 20.9997, 8.2416,
-22.4067

■ 20.9997, 8.2416,
-22.4067

■ 18.1772, 11.1466,
-29.6062

■ 24.0256, 5.6704,
-16.1175

■ 15.6157, 14.4299,
-37.8530

■ 27.2131, 3.3679,
-10.5601

■ 13.3990, 18.0440,
-47.0514

■ 30.5341, 1.2746,
-5.5716

■ 11.6376, 21.7019,
-56.4920

■ 33.9680, -0.6576,
-1.0219

■ 10.2818, 25.3095,
-65.7092

■ 37.4997, -2.4659,
3.1890

■ 9.8643, 26.6178,
-69.0113

■ 41.1176, -4.1787,
7.1372

■ 44.8127, -5.8173,
10.8801

■ 48.5780, -7.3982,
14.4616

■ 52.4075, -8.9340,
17.9155

Harmonies

Analogous

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



21.0001, -2.1502, -26.3306



20.9997, 8.2416, -22.4067



21.0001, 17.4095, -11.4167

Triad

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



21.0001, 8.2417, -22.4061



21.0001, 10.3763, 11.3827



21.0001, -17.0046, 2.1073

Complementary

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



20.9997, 8.2416, -22.4067



35.4060, -7.5925, 15.8396

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.



21.0001, -14.8551, 8.8489



20.9997, 8.2416, -22.4067



21.0001, -0.0729, 12.4251

Square

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



21.0001, 8.2417, -22.4061



21.0001, 18.7943, 7.8162



21.0001, -9.0864, 11.7544



21.0001, -15.5973, -8.8559

Rectangle

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



20.9997, 8.2416, -22.4067



21.0001, 20.9290, -3.4160



21.0001, -9.0864, 11.7544



21.0001, -16.6856, 4.8649

Sweetspot

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



21.0001, 8.2417, -22.4061



41.6305, 0.9897, -5.7275



33.3016, -12.2192, -2.0741



19.8790, 0.6790, -3.2503



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



21.0001, 8.2417, -22.4061



23.8760, 14.9868, -39.7701



22.9161, 13.8407, -18.1600



16.6319, -0.1537, -0.9192



11.1691, 30.1581, -78.2898



25.4135, 68.8057, -179.5790

Inverse Universe

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



25.3038, 20.2488, -12.9015



31.0726, 33.1738, -21.2797



33.6976, -13.9769, 14.3788



16.9943, 1.0723, -0.3934



21.9220, 42.9147, -27.4822



50.0475, 97.9479, -62.5430

Previews

White Background



This preview shows how the HunterLab color 20.9997, 8.2416, -22.4067 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 20.9997, 8.2416, -22.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

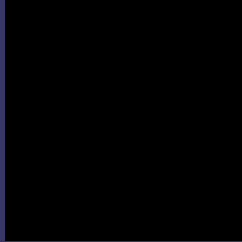
Any Text WCAG AA × Fail

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 20.9997, 8.2416, -22.4067 Background



This preview shows how black text looks on a background with the HunterLab color 20.9997, 8.2416, -22.4067.



This preview shows how white text looks on a background with the HunterLab color 20.9997, 8.2416, -22.4067.

-22.4067.

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

20.9997, 8.2416, -22.4067

Protanopia

21.1188, 4.2679, -25.1935

Deuteranopia

21.0887, 1.1860, -21.5990



Tritanopia

20.9962, -4.2849, -2.1325

Trichromacy



Original Color

20.9997, 8.2416, -22.4067

Protanomaly

21.1699, 5.5470, -24.2880

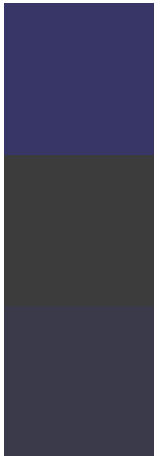
Deuteranomaly

20.9691, 3.3020, -21.8330

Tritanomaly

20.8808, 0.0339, -8.6825

Monochromacy



Original Color

20.9997, 8.2416, -22.4067

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.0562, 1.5366, -5.7420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9997, 8.2416, -22.4067 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(55, 54, 102)` looks like.

```
.text, #text, p{  
    color:rgb(55, 54, 102)  
}
```

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(55, 54, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 54, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9997, 8.2416, -22.4067 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(55, 54, 102) }
```


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

```
.border{ border-color:rgb(55, 54, 102) }
```

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

Here you see how a box with a 4 pixel rgb(55, 54, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 54, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 54, 102);  
box-shadow:4px 4px 4px 4px rgb(55, 54,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.9997, 8.2416, -22.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 54, 102) }
```

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

```
.background{ background-color: rgb(55, 54,  
102) }
```

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