

Converting Colors

HunterLab(20.0795, -7.3508,
-25.2658)

Have a look what the booklet for
HunterLab(20.0795, -7.3508,
-25.2658) contains.

HunterLab(21.5547, -2.2640, -22.0542)	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(21.5547, -2.2640,
-22.0542)**

Conversions

Conversions Part 1

Format	Color
Hex	004067
RGB	0, 64, 103
RGB Percent	0%, 25%, 40%
CMY	1.0000, 0.7490, 0.5961
CMYK	1.00, 0.38, 0.00, 0.60
HSL	203°, 100%, 20%
HSV	203°, 100%, 40%
XYZ	4.2816, 4.6461, 13.5030
YIQ	49.3100, -50.6630, -1.4390

Conversions

Conversions Part 2

Format	Color
RYB	0, 39, 103
Decimal	16487
CIELab	25.70, -1.84, -27.84
CIElCh	26, 27.898, 266.216
Yxy	4.6462, 0.1909, 0.2071
Android (android.graphics.Color)	4278206567 (0xFF004067)
YUV	49.3100, 26.4692, -43.2449
Hunter-Lab	21.5547, -2.2640, -22.0542

Details

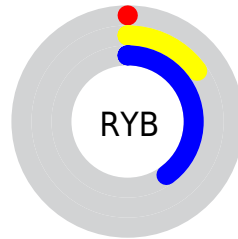
The HunterLab color **21.5547, -2.2640, -22.0542** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.8214, 17.7388, 13.1397**, and the grayscale version is **17.5564, -0.9368, 0.9539**.

A 20% lighter version of the original color is **38.6405, -3.4050, -23.1589**, and **9.2701, 3.0467, -18.1638** is the 20% darker color. If you saturate the color by 10%, you get **21.5539, -2.2625, -22.0563**, and if you desaturate by 10%, it is **22.7334, -3.3634, -19.5173**.

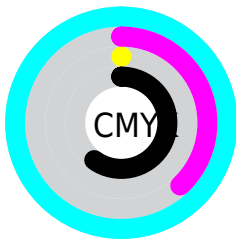
Distribution



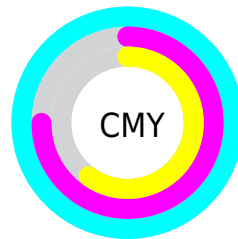
- Red (0%)
- Green (25%)
- Blue (40%)



- Red (0%)
- Yellow (15%)
- Blue (40%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5547, -2.2640, -22.0542 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 21.5547, -2.2640, -22.0542 by changing the saturation by 10% instead.

■ 21.5547, -2.2640,
-22.0542

■ 21.5547, -2.2640,
-22.0542

■ 120.9767, -8.4522,
-25.8020

■ 14.2871, -1.7298,
-21.7091

■ 38.7938, -3.4296,
-23.1407

■ 7.9451, -1.4342,
-22.6594

■ 48.5971, -4.0605,
-23.6776

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.1102, -4.7219,
-24.1697

0.0000, NaN, NaN

■ 70.2880, -5.4129,
-24.6082

0.0000, NaN, NaN

■ 82.0932, -6.1323,
-24.9901

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.4941, -6.8793,

-25.3155

0.0000, NaN, NaN

107.4632, -7.6528,
-25.5855

21.5547, -2.2640,
-22.0542

21.5547, -2.2640,
-22.0542

21.5539, -2.2625,
-22.0563

22.7334, -3.3634,
-19.5173

23.9657, -4.2986,
-17.0535

25.2924, -4.9199,
-14.5817

26.7100, -5.2373,
-12.1173

28.2136, -5.2694,
-9.6733

■ 29.7978, -5.0388,
-7.2595

■ 31.4568, -4.5699,
-4.8823

■ 33.1854, -3.8864,
-2.5455

■ 34.9781, -3.0109,
-0.2504

Harmonies

Analogous

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



21.5550, -9.8259, -17.0971



21.5547, -2.2640, -22.0542



21.5550, 6.8980, -19.0033

Triad

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



21.5550, -2.2636, -22.0537



21.5550, 16.3501, 7.1722



21.5550, -13.5562, 8.3767

Complementary

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



21.5547, -2.2640, -22.0542



20.8214, 17.7388, 13.1397

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.



21.5550, -8.1691, 11.2333



21.5547, -2.2640, -22.0542



21.5550, 9.1576, 10.7609

Square

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



21.5550, -2.2636, -22.0537



21.5550, 18.6057, 0.0766



21.5550, -0.0159, 11.8857



21.5550, -15.6460, 2.2152

Rectangle

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



21.5547, -2.2640, -22.0542



21.5550, 12.5703, -13.3128



21.5550, -0.0159, 11.8857



21.5550, -12.1181, 9.6413

Sweetspot

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



21.5550, -2.2636, -22.0537



41.8920, -6.1831, -6.8142



31.3673, -25.3209, 15.4552



20.3484, -3.1620, -3.8508



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



21.5550, -2.2636, -22.0537



28.4426, -2.3804, -30.4123



11.3425, 21.0975, -59.7174



17.3779, -1.4356, -0.0026



24.0342, -2.3085, -25.0572



53.2950, -2.6566, -60.8792

Inverse Universe

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



18.0388, 32.9408, -4.2508



24.0894, 43.9091, -5.0171



31.7381, -3.8651, 19.4887



16.9479, 0.8232, 0.2657



20.2155, 36.8889, -4.5282



45.9785, 83.5648, -7.6949

Previews

White Background



This preview shows how the HunterLab color 21.5547, -2.2640, -22.0542 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 21.5547, -2.2640, -22.0542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

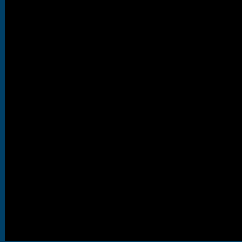
Any Text WCAG AA × Fail

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 21.5547, -2.2640, -22.0542 Background



This preview shows how black text looks on a background with the HunterLab color 21.5547, -2.2640, -22.0542.



This preview shows how white text looks on a background with the HunterLab color 21.5547, -2.2640, -22.0542.

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

21.5547, -2.2640, -22.0542

Protanopia

21.7104, 3.0726, -18.8055

Deuteranopia

21.7986, 1.2967, -22.1668



Tritanopia

21.4832, -10.4281, -4.3408

Trichromacy



Original Color

21.5547, -2.2640, -22.0542

Protanomaly

21.2575, 0.3820, -20.5221

Deuteranomaly

21.6869, -0.3811, -22.4485

Tritanomaly

21.5741, -7.9077, -9.8952

Monochromacy



Original Color

21.5547, -2.2640, -22.0542

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.3284, -3.2628, -6.9763

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5547, -2.2640, -22.0542 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(0, 64, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 103)  
}
```

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(0, 64, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5547, -2.2640, -22.0542 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(0, 64, 103) }
```


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

```
.border{ border-color:rgb(0, 64, 103) }
```

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

Here you see how a box with a 4 pixel rgb(0, 64, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 64, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 64, 103)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5547, -2.2640, -22.0542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 103) }
```

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

```
.background{ background-color: rgb(0, 64,  
103) }
```

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