

Converting Colors

HunterLab(20.7527, 5.9524,
-38.7885)

Have a look what the booklet for
HunterLab(20.7527, 5.9524,
-38.7885) contains.

HunterLab(20.7527, 5.9524, -38.7885)	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(20.7527, 5.9524,
-38.7885)**

Conversions

Conversions Part 1

Format	Color
Hex	003979
RGB	0, 57, 121
RGB Percent	0%, 22%, 47%
CMY	0.9999, 0.7765, 0.5255
CMYK	1.00, 0.53, 0.00, 0.53
HSL	212°, 100%, 24%
HSV	212°, 100%, 47%
XYZ	4.9143, 4.3067, 18.6615
YIQ	47.2530, -54.5160, 7.8200

Conversions

Conversions Part 2

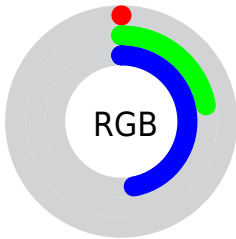
Format	Color
RYB	0, 39, 121
Decimal	14713
CIELab	24.66, 11.01, -40.99
CIELCh	25, 42.443, 285.036
Yxy	4.3069, 0.1763, 0.1545
Android (android.graphics.Color)	4278204793 (0xFF003979)
YUV	47.2530, 36.3573, -41.4409
Hunter-Lab	20.7527, 5.9524, -38.7885

Details

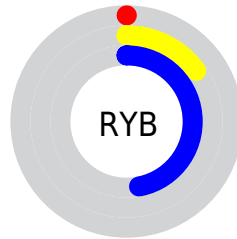
The HunterLab color **20.7527, 5.9524, -38.7885** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.8092, 13.7211, 17.3752**, and the grayscale version is **16.8417, -0.8986, 0.9150**.

A 20% lighter version of the original color is **37.6992, 6.5370, -39.6337**, and **8.9974, 10.8494, -34.6667** is the 20% darker color. If you saturate the color by 10%, you get **20.7508, 5.9562, -38.7946**, and if you desaturate by 10%, it is **22.4924, 3.5265, -33.7620**.

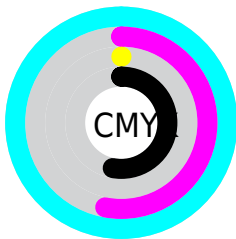
Distribution



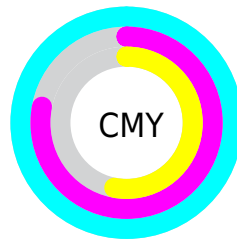
- Red (0%)
- Green (22%)
- Blue (47%)



- Red (0%)
- Yellow (15%)
- Blue (47%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7527, 5.9524, -38.7885 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 20.7527, 5.9524, -38.7885 by changing the saturation by 10% instead.

■ 20.7527, 5.9524,
-38.7885

■ 20.7527, 5.9524,
-38.7885

■ 119.5452, 5.7447,
-43.7483

■ 13.5892, 5.5301,
-39.5790

■ 37.8162, 6.4316,
-39.3635

■ 7.1833, 6.2956,
-45.4858

■ 47.5426, 6.5287,
-39.9827

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.9840, 6.5486,
-40.6559

0.0000, NaN, NaN

■ 69.0946, 6.5003,
-41.3351

0.0000, NaN, NaN

■ 80.8360, 6.3908,
-41.9948

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.1762, 6.2255,

-42.6212

0.0000, NaN, NaN

106.0873, 6.0089,
-43.2070

20.7527, 5.9524,
-38.7885

20.7527, 5.9524,
-38.7885

20.7508, 5.9562,
-38.7946

22.4924, 3.5265,
-33.7620

24.3575, 1.4236,
-28.9983

26.3782, -0.2262,
-24.4089

28.5395, -1.4541,
-20.0196

30.8265, -2.3029,
-15.8371

■ 33.2259, -2.8178,
-11.8552

■ 35.7255, -3.0419,
-8.0603

■ 38.3152, -3.0140,
-4.4350

■ 40.9860, -2.7679,
-0.9609

Harmonies

Analogous

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



20.7530, -7.3089, -38.8079



20.7527, 5.9524, -38.7885



20.7530, 20.2685, -24.4710

Triad

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



20.7530, 5.9532, -38.7880



20.7530, 20.2372, 12.0326



20.7530, -20.4898, 6.4816

Complementary

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



20.7527, 5.9524, -38.7885



27.8092, 13.7211, 17.3752

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.



20.7530, -16.2831, 12.0251



20.7527, 5.9524, -38.7885



20.7530, 5.9180, 14.2243

Square

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



20.7530, 5.9532, -38.7880



20.7530, 29.8230, 6.5027



20.7530, -7.3362, 14.2216



20.7530, -20.4849, -6.2264

Rectangle

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



20.7527, 5.9524, -38.7885



20.7530, 27.5447, -11.9875



20.7530, -7.3362, 14.2216



20.7530, -19.5795, 8.9987

Sweetspot

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



20.7530, 5.9532, -38.7880



47.5478, -4.0602, -11.1648



37.4547, -28.7465, 15.2419



22.1920, -1.9081, -6.1472



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.7530, 5.9532, -38.7880



27.2619, 8.9951, -53.4928



11.8065, 31.9041, -83.0077



20.4350, -1.3558, -0.3232



21.4294, 6.2701, -40.3201



44.9757, 17.4479, -93.8807

Inverse Universe

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



20.8823, 37.1722, 2.5279



27.8926, 49.5620, 4.1080



41.9472, -11.9474, 25.6379



20.1086, 0.9347, 0.6191



21.6112, 38.4639, 2.6934



47.0204, 83.3517, 8.4634

Previews

White Background



This preview shows how the HunterLab color 20.7527, 5.9524, -38.7885 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 20.7527, 5.9524, -38.7885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

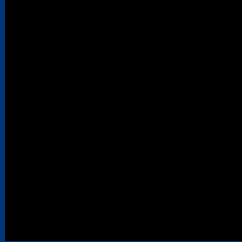
Any Text WCAG AA × Fail

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 20.7527, 5.9524, -38.7885 Background



This preview shows how black text looks on a background with the HunterLab color 20.7527, 5.9524, -38.7885.



This preview shows how white text looks on a background with the HunterLab color 20.7527, 5.9524, -38.7885.

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

20.7527, 5.9524, -38.7885

Protanopia

20.8612, 6.2922, -38.4468

Deuteranopia

20.8744, -0.4568, -25.1050



Tritanopia

20.8294, -10.2823, -3.8384

Trichromacy



Original Color

20.7527, 5.9524, -38.7885

Protanomaly

20.8148, 6.1470, -38.5927

Deuteranomaly

20.9271, 1.6339, -29.6842

Tritanomaly

20.6792, -5.2806, -14.4479

Monochromacy



Original Color

20.7527, 5.9524, -38.7885

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.7146, -1.2220, -10.7891

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7527, 5.9524, -38.7885 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, 57, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 121)  
}
```

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, 57, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7527, 5.9524, -38.7885 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, 57, 121) }
```


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

```
.border{ border-color:rgb(0, 57, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 57, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 57, 121)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7527, 5.9524, -38.7885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 121) }
```

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

```
.background{ background-color: rgb(0, 57,  
121) }
```

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