

Converting Colors

HunterLab(36.5056, -8.1570,
-19.7251)

Have a look what the booklet for
HunterLab(36.5056, -8.1570,
-19.7251) contains.

HunterLab(36.3920, -7.9700, -20.0525)	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(36.3920, -7.9700,
-20.0525)**

Conversions

Conversions Part 1

Format	Color
Hex	2C6C8F
RGB	44, 108, 143
RGB Percent	17%, 42%, 56%
CMY	0.8274, 0.5765, 0.4392
CMYK	0.69, 0.24, 0.00, 0.44
HSL	201°, 53%, 37%
HSV	201°, 69%, 56%
XYZ	11.3592, 13.2438, 27.9443
YIQ	92.8540, -49.3790, -2.6830

Conversions

Conversions Part 2

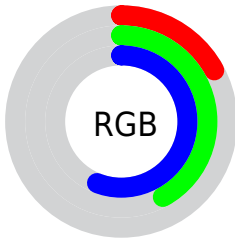
Format	Color
R_{YB}	44, 83, 143
Decimal	2911375
CIE Lab	43.13, -8.58, -25.15
CIE LCh	43, 26.575, 251.171
Yxy	13.2442, 0.2162, 0.2520
Android (android.graphics.Color)	4281101455 (0xFF2C6C8F)
YUV	92.8540, 24.7220, -42.8450
Hunter-Lab	36.3920, -7.9700, -20.0525

Details

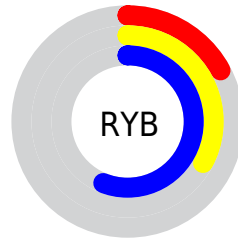
The HunterLab color **36.3920, -7.9700, -20.0525** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.0797, 16.7206, 17.1459**, and the grayscale version is **32.9562, -1.7585, 1.7906**.

A 20% lighter version of the original color is **56.2604, -9.7593, -21.1714**, and **20.2736, -3.7780, -17.1847** is the 20% darker color. If you saturate the color by 10%, you get **34.5609, -7.1306, -23.4098**, and if you desaturate by 10%, it is **38.3601, -8.3488, -16.6747**.

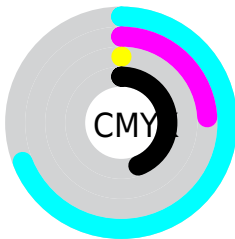
Distribution



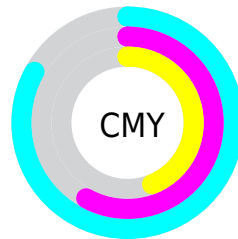
- Red (17%)
- Green (42%)
- Blue (56%)



- Red (17%)
- Yellow (33%)
- Blue (56%)



- Cyan (69%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3920, -7.9700, -20.0525 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 36.3920, -7.9700, -20.0525 by changing the saturation by 10% instead.

■ 36.3920, -7.9700,
-20.0525

■ 36.3920, -7.9700,
-20.0525

■ 145.7659,
-17.5535, -22.4717

■ 27.5626, -6.9271,
-19.5234

■ 56.3399, -10.0404,
-20.9865

■ 19.5912, -5.8637,
-19.0092

■ 67.3506, -11.0808,
-21.3690

■ 12.5835, -4.7552,
-18.6536

■ 78.9976, -12.1295,
-21.6919

■ 5.8856, -6.6645,
-22.8169

■ 91.2480, -13.1886,
-21.9561

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.0733,
-14.2596, -22.1639

0.0000, NaN, NaN

■ 117.4488,

0.0000, NaN, NaN

-15.3436, -22.3175

0.0000, NaN, NaN

131.3528,
-16.4414, -22.4193

■ 36.3920, -7.9700,
-20.0525

■ 36.3920, -7.9700,
-20.0525

■ 34.5609, -7.1306,
-23.4098

■ 38.3601, -8.3488,
-16.6747

■ 32.8679, -5.8225,
-26.7263

■ 40.4571, -8.2914,
-13.2995

■ 31.2890, -4.1439,
-30.0355

■ 42.6764, -7.8300,
-9.9436

■ 31.1682, -4.0113,
-30.2984

■ 45.0097, -7.0002,
-6.6196

■ 47.4492, -5.8384,
-3.3360

■ 49.9872, -4.3790,
-0.0980

■ 52.6163, -2.6544,
3.0924

■ 55.3299, -0.6933,
6.2350

■ 58.1218, 1.4783,
9.3311

Harmonies

Analogous

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



36.3926, -15.3710, -12.3082



36.3920, -7.9700, -20.0525



36.3926, 1.8741, -21.0461

Triad

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



36.3926, -7.9698, -20.0518



36.3926, 19.0085, 5.3637



36.3926, -13.8054, 13.2747

Complementary

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



36.3920, -7.9700, -20.0525



34.0797, 16.7206, 17.1459

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.



36.3926, -5.6105, 15.7890



36.3920, -7.9700, -20.0525



36.3926, 13.7657, 12.1190

Square

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



36.3926, -7.9698, -20.0518



36.3926, 18.1999, -4.4617



36.3926, 4.5018, 15.4329



36.3926, -18.4793, 7.4258

Rectangle

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



36.3920, -7.9700, -20.0525



36.3926, 8.6021, -17.5061



36.3926, 4.5018, 15.4329



36.3926, -11.4106, 14.4556

Sweetspot

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



36.3926, -7.9698, -20.0518



62.7619, -8.1936, -5.4334



45.5415, -31.6434, 17.9639



29.6688, -4.1144, -3.1175



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



36.3926, -7.9698, -20.0518



44.9746, -8.6517, -33.7893



23.7315, 15.2844, -50.0341



24.0827, -2.1054, -0.0396



29.3763, -3.8806, -28.3408



3.5231, -1.3222, -1.5492

Inverse Universe

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



29.5368, 38.5708, -9.6038



36.2283, 59.4112, -12.0842



46.3676, -5.9918, 25.4189



23.4074, 1.3325, 0.2370



24.2023, 44.3152, -6.5938



2.4536, 4.6436, -1.8384

Previews

White Background



This preview shows how the HunterLab color 36.3920, -7.9700, -20.0525 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 × Fail

Black Background



This preview shows how the HunterLab color 36.3920, -7.9700, -20.0525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

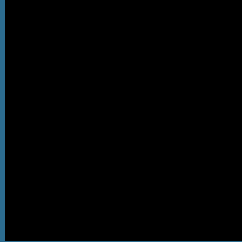
Any Text WCAG AA × Fail

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 36.3920, -7.9700, -20.0525 Background



This preview shows how black text looks on a background with the HunterLab color 36.3920, -7.9700, -20.0525.



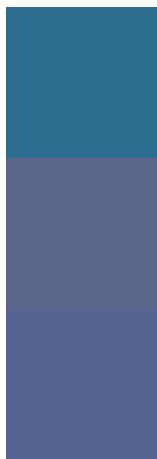
This preview shows how white text looks on a background with the HunterLab color 36.3920, -7.9700, -20.0525.

-20.0525.

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

36.3920, -7.9700, -20.0525

Protanopia

36.2555, 2.4618, -16.3198

Deuteranopia

36.1801, 2.8665, -21.5547



Tritanopia

36.3731, -15.7950, -7.3498

Trichromacy



Original Color

36.3920, -7.9700, -20.0525

Protanomaly

36.0838, -2.1303, -17.9376

Deuteranomaly

36.0780, -1.7362, -21.1609

Tritanomaly

36.4609, -13.3490, -11.5395

Monochromacy



Original Color

36.3920, -7.9700, -20.0525

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.7327, -5.3828, -5.7414

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3920, -7.9700, -20.0525 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(44, 108, 143)` looks like.

```
.text, #text, p{  
    color:rgb(44, 108, 143)  
}
```

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(44, 108, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 108, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3920, -7.9700, -20.0525 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(44, 108, 143) }
```


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

```
.border{ border-color:rgb(44, 108, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 108, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 108, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 108, 143);  
box-shadow:4px 4px 4px 4px rgb(44, 108,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3920, -7.9700, -20.0525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 108, 143) }
```

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

```
.background{ background-color: rgb(44, 108,  
143) }
```

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