

Converting Colors

HunterLab(36.0419, 69.0291,
18.4854)

Have a look what the booklet for
HunterLab(36.0419, 69.0291,
18.4854) contains.

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Color

**HunterLab(37.3255, 64.5380,
19.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	D20032
RGB	210, 0, 50
RGB Percent	82%, 0%, 20%
CMY	0.1765, 0.9998, 0.8039
CMYK	0.00, 1.00, 0.76, 0.18
HSL	346°, 100%, 41%
HSV	346°, 100%, 82%
XYZ	27.1541, 13.9319, 4.2756
YIQ	68.4900, 109.1100, 60.0700

Conversions

Conversions Part 2

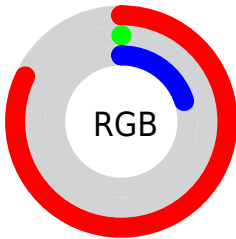
Format	Color
R_{YB}	210, 0, 50
Decimal	13762610
CIE Lab	44.14, 70.10, 35.70
CIE LCh	44, 78.669, 26.991
Yxy	13.9328, 0.5986, 0.3071
Android (android.graphics.Color)	4291952690 (0xFFD20032)
YUV	68.4900, -9.1156, 124.1043
Hunter-Lab	37.3255, 64.5380, 19.3363

Details

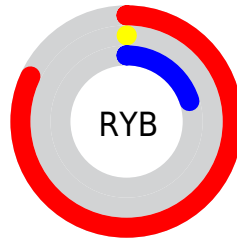
The HunterLab color **37.3255, 64.5380, 19.3363** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **69.7372, -46.7977, 13.8597**, and the grayscale version is **24.2281, -1.2928, 1.3164**.

A 20% lighter version of the original color is **53.7782, 61.0919, 22.0068**, and **24.7514, 42.4496, 15.5134** is the 20% darker color. If you saturate the color by 10%, you get **37.3250, 64.5363, 19.3420**, and if you desaturate by 10%, it is **38.2530, 62.9233, 16.6832**.

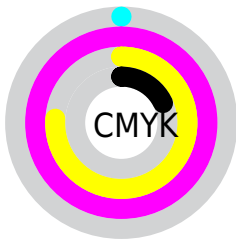
Distribution



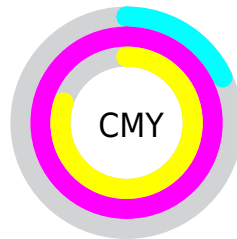
- Red (82%)
- Green (0%)
- Blue (20%)



- Red (82%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3255, 64.5380, 19.3363 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 37.3255, 64.5380, 19.3363 by changing the saturation by 10% instead.

■ 37.3255, 64.5380,
19.3363

■ 37.3255, 64.5380,
19.3363

147.2455, 82.4295,
42.1724

■ 28.4147, 62.2589,
16.1807

■ 57.4193, 69.0952,
25.0756

■ 20.3527, 60.1932,
13.0430

■ 68.4957, 71.2765,
27.7394

■ 13.2419, 58.8237,
9.2693

■ 80.2049, 73.3673,
30.3034

■ 6.7670, 65.6214,
4.7369

■ 92.5144, 75.3636,
32.7871

0.0000, INF, NaN

0.0000, INF, NaN

■ 105.3962, 77.2652,
35.2053

0.0000, NaN, NaN

■ 118.8260, 79.0745,

0.0000, NaN, NaN

37.5697

0.0000, NaN, NaN

132.7821, 80.7947,
39.8895

■ 37.3255, 64.5380,
19.3363

■ 37.3255, 64.5380,
19.3363

■ 37.3250, 64.5363,
19.3420

■ 38.2530, 62.9233,
16.6832

■ 39.9625, 59.2915,
13.8172

■ 42.5953, 53.5367,
11.0965

■ 46.1133, 46.2285,
8.7503

■ 50.4242, 38.0095,
6.8972

■ 55.4172, 29.3954,
5.5590

■ 60.9856, 20.7209,
4.6990

■ 67.0364, 12.1688,
4.2555

■ 73.4931, 3.8207,
4.1632

Harmonies

Analogous

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



37.3267, 74.8007, -0.9640



37.3255, 64.5380, 19.3363



37.3267, 34.8976, 25.0041

Triad

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



37.3267, 64.5333, 19.3370



37.3267, -39.0839, 21.2634



37.3267, -4.9727, -104.7268

Complementary

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



37.3255, 64.5380, 19.3363



69.7372, -46.7977, 13.8597

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.



37.3267, -28.4979, -79.4372



37.3255, 64.5380, 19.3363



37.3267, -43.8855, 4.7982

Square

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



37.3267, 64.5333, 19.3370



37.3267, -24.7232, 25.4627



37.3267, -40.7305, -32.4176



37.3267, 27.9448, -87.3360

Rectangle

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



37.3255, 64.5380, 19.3363



37.3267, 11.8930, 26.1287



37.3267, -40.7305, -32.4176



37.3267, -14.1068, -100.6541

Sweetspot

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



37.3267, 64.5333, 19.3370



75.7084, 26.1947, 5.8821



34.4582, 72.5066, -82.4088



33.6256, 14.2469, 2.9048

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.3267, 64.5333, 19.3370



46.4687, 80.2965, 24.4653



40.2561, 52.9546, 25.7308



34.4292, 1.5612, 1.9422



29.1741, 50.4877, 14.7731



6.9899, 12.2748, 2.1575

Inverse Universe

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



37.3267, 64.5333, 19.3370



46.4687, 80.2965, 24.4653



53.7964, -15.2504, -34.3166



34.4292, 1.5612, 1.9422



29.1741, 50.4877, 14.7731



6.9899, 12.2748, 2.1575

Previews

White Background



This preview shows how the HunterLab color 37.3255, 64.5380, 19.3363 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 37.3255, 64.5380, 19.3363 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 37.3255, 64.5380, 19.3363 Background



This preview shows how black text looks on a background with the HunterLab color 37.3255, 64.5380, 19.3363.



This preview shows how white text looks on a background with the HunterLab color 37.3255, 64.5380,

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

37.3255, 64.5380, 19.3363

Protanopia

38.0456, -3.1065, 12.7337

Deuteranopia

37.9835, 2.4244, 20.7157



Tritanopia

37.5742, 60.7491, 23.6677

Trichromacy



Original Color

37.3255, 64.5380, 19.3363

Protanomaly

33.0206, 26.5321, 11.2769

Deuteranomaly

33.7802, 30.4472, 17.5036

Tritanomaly

37.3065, 62.1054, 22.5222

Monochromacy



Original Color

37.3255, 64.5380, 19.3363

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.7835, 25.1659, 4.8093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3255, 64.5380, 19.3363 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(210, 0, 50)` looks like.

```
.text, #text, p{  
  color:rgb(210, 0, 50)  
}
```

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(210, 0, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 0, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3255, 64.5380, 19.3363 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(210, 0, 50) }
```


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

```
.border{ border-color:rgb(210, 0, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 0, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 0, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 0, 50);  
box-shadow:4px 4px 4px 4px rgb(210, 0, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.3255, 64.5380, 19.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 0, 50) }
```

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

```
.background{ background-color: rgb(210, 0,  
50) }
```

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](#).

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